

Streaming Water. Streaming Life!



COMMITTED TO A GREEN FUTURE

ELYSÉE  
CATALOGUE  
2023



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## SYMBOLS

- **Black "dot"** before the Code: **MOQ** (Minimum Ordering Quantity)
- **Orange "dot"** after the size: **NPT** Thread can be applied
- L** Large size Elysée Standard box
- S** Small size Elysée box (Half of the standard "L" box)
- C** Coils / Reels
- P** Pieces

# ELYSÉE

## HISTORY

Founded in 1969, Elysée was initially dedicated to the cultivation of flowers. This gave the founders firsthand experience and a full understanding of the diversity of irrigation needs. With such knowledge and experience, the natural next step in the business was to start designing and developing irrigation systems. This was a stepping-stone to further expansion, this time into the field of water supply and piping systems.

Elysée manufactures and supplies piping systems & fittings for Building & Infrastructure, Irrigation, Landscape and Industry.

Based in Cyprus, a key location at crossroads of three continents, Elysée serves more than 65 destinations in Europe, the Middle East, South Africa, Japan, Australia and New Zealand.



## OUR VISION

***"To be a green leader worldwide through Innovative, Smart, Easy to use Piping Systems."***

### GREEN COMPANY

Elysée acknowledges that businesses have a tremendous impact to climate change and can help in the fight against it. For this reason, we are setting a strategic approach to help us ultimately lead the way to a circular economy model, a testimony of our commitment to quality, towards the fulfillment of our goals for sustainability. Generally, a company's minimized carbon footprint is what leads to carbon neutrality. We are dedicated to our dream to guide Life on a green path. Our goal is to continue striving for becoming a leading sustainable world supplier in piping systems, thus, keep offering to the public a wide selection of the most trustworthy products and of the highest standards. At the same time, we are taking all the necessary steps to ultimately become a Green Leader and an exemplary model for other Cypriot & European businesses.

### STREAMING WATER. STREAMING LIFE.

Our love for water led to Elysée conception. From all the resources in the planet we consider water as the most valuable. Water is a living cycle. It moves, transforms and makes life possible. Our respect for the value of natural resources and our commitment to preserve them has always been Elysée's primary concern.



## WHY ELYSÉE

- **Green company.** Elysee acknowledges that businesses have a tremendous impact to climate change and can help in the fight against it. For this reason, we are setting a strategic approach to help us ultimately lead the way to a circular economy model.
- **Easy to Use.** Elysee products are developed in close collaboration with end users. Designed for durability, simplicity of installation, and long-term performance.
- **Know-how.** Elysee has a strong position in the Plastic Piping Systems market because to its 40 years of expertise.
- **Truly International.** Presence in 65 countries in all 5 continents through an ever-increasing family of distributors.
- **Reliability & Quality Assurance.** Elysee is certified by the most reputable International standardization organizations such as DVGW, OVGW, WRAS and KIWA among others.

## RESEARCH AND DEVELOPMENT

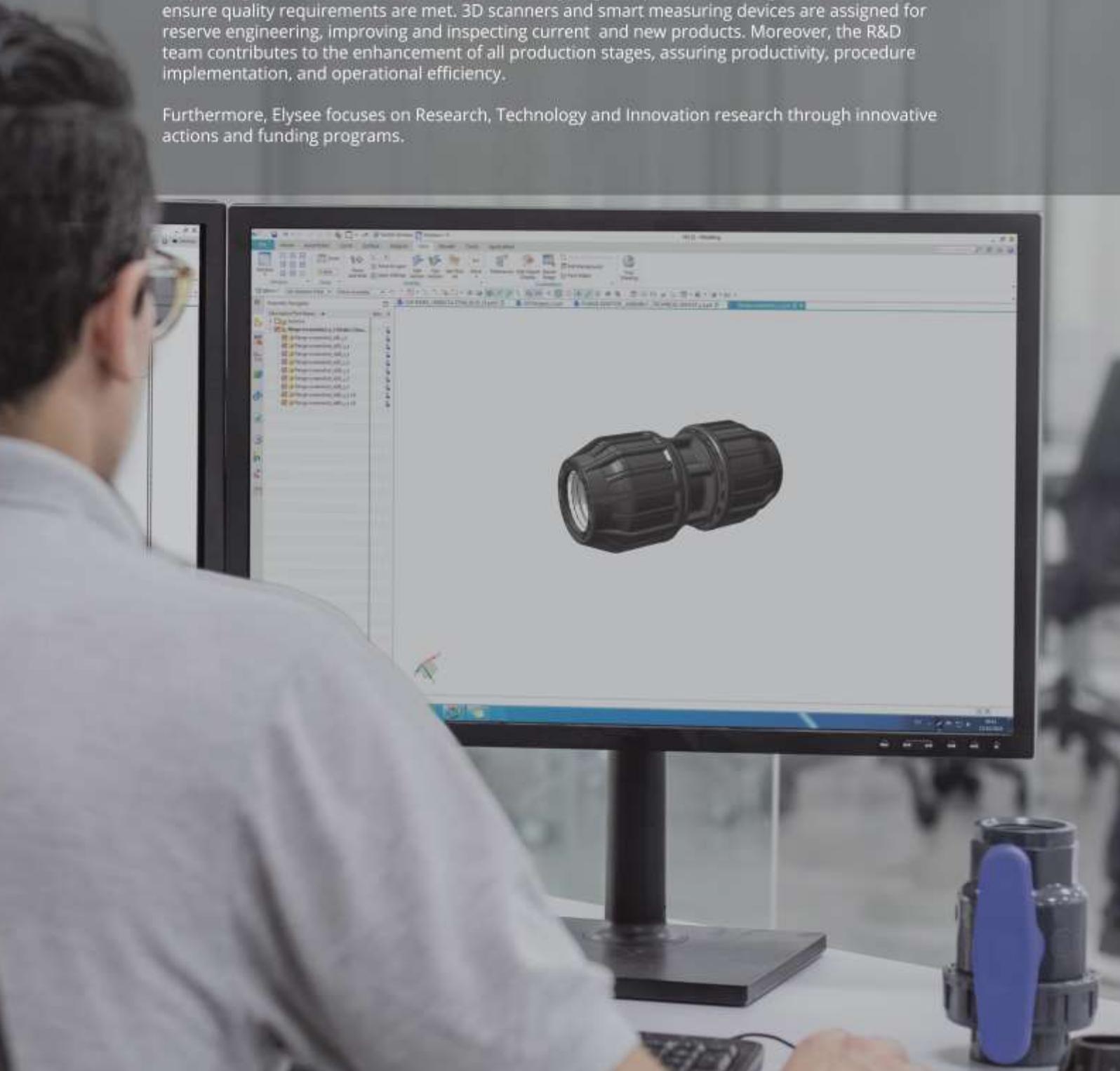
For more than 15 years, Elysee has made significant investments in Research and Development (R&D) activities. The company establishes an in-house R&D department to conduct significant research and innovation activities, increasing the company's competitive edge over the competitors. Indeed, R&D is critical to the business brand and performance both locally and worldwide.

Several patents and industrial designs have been granted, with others pending.

The R&D team is made up of great mechanical engineers and product designers that work on many projects with the goal of designing and developing breakthrough product solutions as well as re-engineering the current ones.

3D printing and CNC machines are used for prototyping new parts and testing methods to ensure quality requirements are met. 3D scanners and smart measuring devices are assigned for reserve engineering, improving and inspecting current and new products. Moreover, the R&D team contributes to the enhancement of all production stages, assuring productivity, procedure implementation, and operational efficiency.

Furthermore, Elysee focuses on Research, Technology and Innovation research through innovative actions and funding programs.



# QUALITY, A MATTER OF PRINCIPLE AND PRACTICE

Quality has been a primary element guiding Elysée activities from its beginnings. By introducing and implementing a quality management system, we monitor our operations and efficiency, to enhance our overall performance. Today, Elysée Irrigation Ltd is delighted to have globally recognized pipe system accreditation, demonstrating its dedication to excellence. Elysée has kept quality as the key foundation of all its operations, hence being reputable for its high-quality products in all aspects.

Our Quality Control (QC) team is composed of potent mechanical and technical engineers, along with highly trained inspectors who pay attention to detail according to the standards followed. Through carefully constructed Quality Control Guidelines, the team daily monitors the production lines and ensures the best quality of products, according to international standards to meet customers' satisfaction.

With advanced technology at hand, we perform daily quality inspections using smart measuring devices, specialized testing machines and an upgraded database. Furthermore, having our own state of the art 3D scanner gives a lead on constant failure-point detection, generating reports and proceeding with corrective actions for further improvements were required.

From raw material to end-product and into the hands of the customer, our goal has always been to deliver the optimum quality possible. All products undergo in-house laboratory tests and in external accredited labs, in compliance with current relevant standards. This ensures and guarantees our products, as they are thoroughly checked and approved by professional bodies.

## WARRANTY

Our warranty includes the repair or replacement of defective parts in our production plant or in the after-sale service location. Replacement or repair of parts under this warranty will not extend the warranty period of the original product. No warranties are given in regard to normal wear and tear due to use of the products. The expenses for return and shipment of defective materials shall be paid by the buyer.

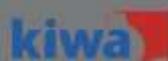
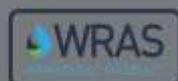
This warranty does not cover those cases in which the product:

- Has been incorrectly handled
- Has been repaired, maintained, or modified by an unauthorized person
- Has been repaired or maintained with other than original pieces
- Has been installed or placed in operation incorrectly

## CERTIFICATIONS

Elysée's products are designed to meet the general standards and are conducted to variety of tests to verify that they meet the product requirements. Elysée holds over 20 notable International Product Certifications, including DVGW, KIWA, SII, WRAS, SAI WaterMark and OVGW.

ISO9001, ISO 14001, ISO 45001, and EMAS certifications demonstrate Elysée's dedication to quality, environmental preservation, and employee safety at all phases of manufacturing, from raw materials to sales.







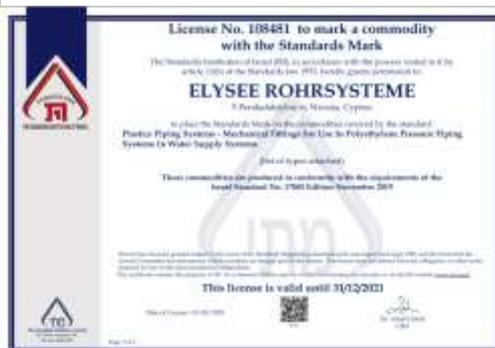
**CERTIFICATE**

**CERTIFICATE**

**CERTIFICATE**



**CERTIFICATE**



More Certifications at:  
<https://ELYSEE.com.cy/quality-certifications-en>





*Streaming Water. Streaming Life!*



# Compression Fittings

## Compression Fittings

### Compression Fittings

**É - Epsilon Series** (Metric - PN 16 bar)



- Agriculture
- Landscape
- Building Infrastructure
- Industry

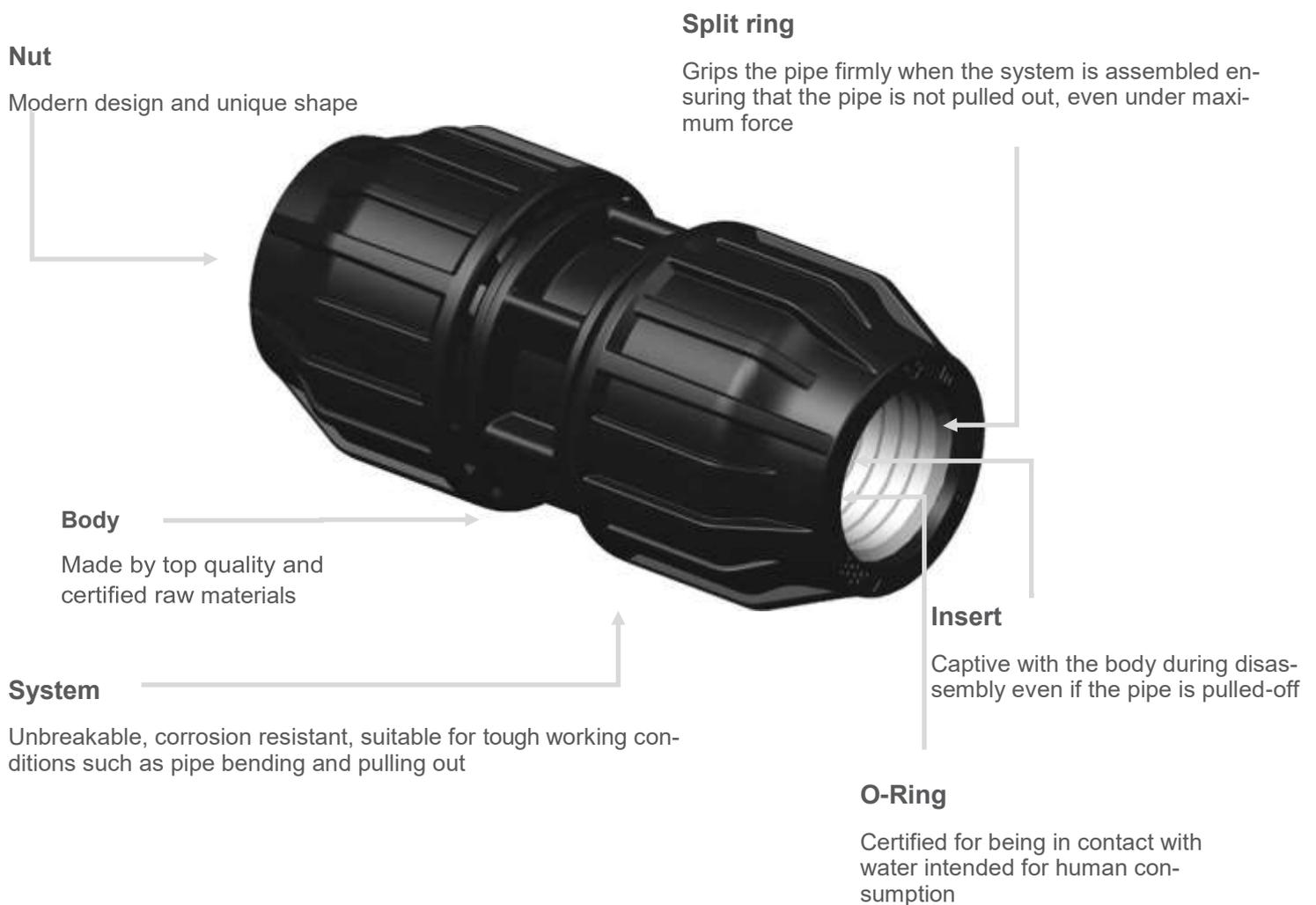
# Compression Fittings

Elysée offers a complete range of mechanical compression fittings designed for conveyance of fluids, gaseous fuels, compressed air, chemical solutions and slurries under high pressure.

Our mechanical compression fittings comply with all relevant international standards in terms of dimensions and mechanical properties.

They are also ideal for the conveyance of potable water and fluids for human consumption, since they are produced in accordance with national and international standards and regulations for health and safety.

To ensure that all requirements of standards and regulations are fulfilled, our fittings are tested regularly and approved worldwide by the main testing institutes and certification bodies.



## Certificates



## Materials & Components



1. BODY - Polypropylene PP-B / 2. O-RING - Nitrile Rubber (NBR 70) / 3. INSERT - Polypropylene PP-B / 4. SPLIT RING - Polyacetal / 5. NUT - Polypropylene PP-B

**BODY** - It is the main and most important component of the fitting system. It can be shaped in several dimensions and configurations to satisfy the requirements and arrangements of the fluid's direction. It has a snagging arrangement internally to position the O-ring and insert, ensuring leak tightness when assembled with a pipe.

A male trapezoidal thread is used externally to join the body with the nut. The body is made with black high performance polypropylene copolymer PP-B. It offers an excellent long-term pressure resistance and also high impact resistance compared to other plastic materials.

**NUT** - The main purpose of this component is the tightening of the pipe with the fitting system. Internally, a female trapezoidal thread is used to enable the connection with the fitting body. Externally, it has an ergonomic designed surface for easy handling during assembly with a pipe. Made by black high performance polypropylene copolymer PP-B.

**INSERT** - The main purpose of this component is to secure the O-ring and keep it in position during handling and operation. Made by black high performance polypropylene copolymer PP-B.

**O-RING** - The main purpose of this component is to ensure leak tightness between the fitting system and the inserted pipe. Made by Nitrile rubber (NBR 70) with the ability to withstand high service temperature, excellent compression set, tear, and abrasion resistance.

**SPLIT RING** - The main purpose of this component is to ensure optimum grip between the fitting system and the pipe. Internally, several sharp triangular teeth are in contact with the pipe when inserted to the fitting system. Externally, conical ribs tighten progressively on the cap's cone and pipe while pressure is applied in the system or pulling force is increased. Made by high performance polyacetal material with sufficient stiffness and hardness to provide high-end load resistance. They can be used to join all types of polyethylene pipes.

### Dimensions and Characteristics

Our fittings comply with the dimensional requirements and characteristics of the following relevant standards:

- EN 712 / 713 / 715 / 911
  - ISO 3458 / 3459 / 3501 / 3503 ISO 17885- DIN 8076
- (Performance Series)

### Application Fields

Our fittings are suitable for joining high and low density polyethylene pipes (PE-HD, PE-LD, PE40, PE63, PE80, PE100) conforming to: EN 12201 - ISO 3607 / 17885 - DIN 8072 / 8074

### Fluids other than Water

The fitting may convey a wide variety of fluids.

*Note:* Refer to chemical resistance section for additional information. Contact us for advice on specific applications.

### Operating Temperature

The fittings are not to be used in hot water although they withstand the same temperature as the polyethylene pipe itself. The fittings withstand sub-zero temperatures. The pressure rating has to be adjusted as shown in the figure below, if the fittings are to be used at higher temperatures.

### Operating Pressure

For fittings from Ø 16 up to Ø 110 mm - 16 bar at 20°C



Epsilon Series PN16

### No. 330 Adaptor Male



Code	Size	Bag	Box	
330001610	16 x 3/8"	25	750	L
330001601	16 x 1/2"	25	750	L
330001602	16 x 3/4"	25	750	L
330002001	20 x 1/2"	25	500	L
330002002	20 x 3/4"	25	500	L
330002003	20 x 1"	25	450	L
330002501	25 x 1/2"	20	360	L
330002502	25 x 3/4"	20	320	L
330002503	25 x 1"	20	320	L
330003201	32 x 1/2"	10	180	L
330003202	32 x 3/4"	10	180	L
330003203	32 x 1"	10	180	L
330003204	32 x 1 1/4"	10	180	L
330003205	32 x 1 1/2"	10	150	L
330004003	40 x 1"		100	L
330004004	40 x 1 1/4"	10	100	L
330004005	40 x 1 1/2"	10	100	L
330004006	40 x 2"		100	L
330005003	50 x 1"		80	L
330005004	50 x 1 1/4"		80	L
330005005	50 x 1 1/2"	10	80	L
330005006	50 x 2"	10	70	L
330006305	63 x 1 1/2"		45	L
330006306	63 x 2"	10	45	L
330006307	63 x 2 1/2"	10	40	L
330007506	75 x 2"		26	L
330007507	75 x 2 1/2"	10	26	L
330007508	75 x 3"	10	26	L
330009006	90 x 2"		16	L
330009007	90 x 2 1/2"		16	L
330009008	90 x 3"		16	L
330009009	90 x 4"		16	L
330011006	110 x 2"		8	L
330011008	110 x 3"		8	L
330011009	110 x 4"		8	L

Epsilon Series PN16

### No. 330A Adaptor Female



Code	Size	Bag	Box	
330A01610	16 x 3/8"	25	750	L
330A01601	16 x 1/2"	25	750	L
330A01602	16 x 3/4"	25	750	L
330A02010	20 x 3/8"	25	750	L
330A02001	20 x 1/2"	25	500	L
330A02002	20 x 3/4"	25	500	L
330A02501	25 x 1/2"	20	360	L
330A02502	25 x 3/4"	20	360	L
330A02503	25 x 1"	20	340	L
330A03201	32 x 1/2"	10	220	L
330A03202	32 x 3/4"	10	220	L
330A03203	32 x 1"	10	220	L
330A03204	32 x 1 1/4"	10	150	L
330A03205	32 x 1 1/2"	10	150	L
330A04003	40 x 1"		100	L
330A04004	40 x 1 1/4"	10	100	L
330A04005	40 x 1 1/2"		100	L
330A05004	50 x 1 1/4"		80	L
330A05005	50 x 1 1/2"	10	80	L
330A05006	50 x 2"		70	L
330A06305	63 x 1 1/2"		45	L
330A06306	63 x 2"	10	45	L
330A06307	63 x 2 1/2"		40	L
330A07506	75 x 2"		26	L
330A07507	75 x 2 1/2"	10	26	L
330A07508	75 x 3"	10	26	L
330A09006	90 x 2"	10	16	L
330A09007	90 x 2 1/2"	10	16	L
330A09008	90 x 3"	10	16	L
330A09009	90 x 4"	10	16	L
330A11008	110 x 3"	10	8	L
330A11009	110 x 4"	10	8	L

# Compression Fittings

A

É - Epsilon Series (Metric - PN 16 bar)

Epsilon Series PN16

No. **330B**  
**End Plug**



Code	Size	Bag	Box	
330B00016	16	25	900	L
330B00020	20	20	500	L
330B00025	25	20	340	L
330B00032	32	10	220	L
330B00040	40		125	L
330B00050	50		80	L
330B00063	63		45	L
330B00075	75		26	L
330B00090	90		16	L
330B00110	110		10	L

Epsilon Series PN16

No. **331**  
**Coupling**



Code	Size	Bag	Box	
331016016	16 x 16	25	525	L
331020020	20 x 20	15	315	L
331025025	25 x 25	15	225	L
331032032	32 x 32	10	120	L
331040040	40 x 40		72	L
331050050	50 x 50		44	L
331063063	63 x 63		30	L
331075075	75 x 75		16	L
331090090	90 x 90		10	L
331110110	110 x 110		5	L

Epsilon Series PN16

No. **331B**  
**Coupling Repair**



Code	Size	Bag	Box	
331B00025	25 x 25	10	160	L
331B00032	32 x 32	5	100	L
331B00040	40 x 40		60	L
331B00050	50 x 50		35	L
331B00063	63 x 63		20	L
331B00075	75 x 75		10	L
331B00090	90 x 90		8	L
331B00110	110 x 110		4	L

Epsilon Series PN16

No. **331A**  
**Coupling Reducing**



Code	Size	Bag	Box	
331A02016	20 x 16	20	360	L
331A02516	25 x 16	20	300	L
331A02520	25 x 20	15	255	L
331A03220	32 x 20	10	180	L
331A03225	32 x 25	10	150	L
331A04025	40 x 25		100	L
331A04032	40 x 32		85	L
331A05025	50 x 25		65	L
331A05032	50 x 32		65	L
331A05040	50 x 40		60	L
331A06325	63 x 25		40	L
331A06332	63 x 32		30	L
331A06340	63 x 40		30	L
331A06350	63 x 50		30	L
331A07563	75 x 63		18	L
331A09063	90 x 63		12	L
331A09075	90 x 75		12	L
331A11075	110 x 75		8	L
331A11090	110 x 90		8	L

Epsilon Series PN16

No. **332**  
**Elbow**



Code	Size	Bag	Box	
332016016	16 x 16	25	450	L
332020020	20 x 20	20	240	L
332025025	25 x 25	15	195	L
332032032	32 x 32		100	L
332040040	40 x 40		60	L
332050050	50 x 50		36	L
332063063	63 x 63		24	L
332075075	75 x 75		12	L
332090090	90 x 90		8	L
332110110	110 x 110		4	L

Epsilon Series PN16  
**No. 332A**  
**Elbow Male**



Code	Size	Bag	Box	
332A01601	16 x ½"	25	600	L
332A01602	16 x ¾"	25	600	L
332A02001	20 x ½"	25	425	L
332A02002	20 x ¾"	25	425	L
332A02501	25 x ½"	20	360	L
332A02502	25 x ¾"	20	320	L
332A02503	25 x 1"	20	300	L
332A03202	32 x ¾"	10	180	L
332A03203	32 x 1"	10	180	L
332A04004	40 x 1¼"		90	L
332A04005	40 x 1½"		90	L
332A05005	50 x 1½"		60	L
332A05006	50 x 2"		60	L
332A06306	63 x 2"		30	L
332A06307	63 x 2½"		30	L
332A07507	75 x 2½"		15	L
332A07508	75 x 3"		15	L
332A09008	90 x 3"		10	L
332A11009	110 x 4"		6	L

**No. 332B**  
**Elbow Female**



Code	Size	Bag	Box	
332B02001	20 x ½"	25	375	L
332B02002	20 x ¾"	25	375	L
332B02501	25 x ½"	20	260	L
332B02502	25 x ¾"	20	260	L
332B02503	25 x 1"	20	260	L
332B03202	32 x ¾"	10	180	L
332B03203	32 x 1"	10	180	L
332B04004	40 x 1¼"		75	L
332B04005	40 x 1½"		75	L
332B05005	50 x 1½"		55	L
332B05006	50 x 2"		55	L
332B06306	63 x 2"		30	L
332B06307	63 x 2½"		30	L
332B07507	75 x 2½"		15	L
332B07508	75 x 3"		15	L
332B09008	90 x 3"		10	L
332B11009	110 x 4"		6	L

Epsilon Series PN16  
**No. 332C**  
**Elbow Female for Pop-Up**



Code	Size	Bag	Box	
332C02501	25 x ½" x 25	15	195	L
332C03201	32 x ½" x 32	10	100	L
332C03202	32 x ¾" x 32	10	100	L

Epsilon Series PN16  
**No. 332D**  
**Wall Elbow Female**



Code	Size	Bag	Box	
332D01601	16 x ½"	10	240	L
332D02001	20 x ½"	10	240	L
332D02502	25 x ¾"	10	140	L

Epsilon Series PN16  
**No. 334**  
**Tee**



Code	Size	Bag	Box	
334016016	16 x 16 x 16	20	260	L
334020020	20 x 20 x 20	15	150	L
334025025	25 x 25 x 25	10	110	L
334032032	32 x 32 x 32		70	L
334040040	40 x 40 x 40		40	L
334050050	50 x 50 x 50		25	L
334063063	63 x 63 x 63		16	L
334075075	75 x 75 x 75		8	L
334090090	90 x 90 x 90		5	L
334110110	110 x 110 x 110		2	L

# Compression Fittings

A

É - Epsilon Series (Metric - PN 16 bar)

Epsilon Series PN16

No. **333**  
**Tee Female**



Code	Size	Bag	Box	
333001601	16 x ½" x 16	20	320	L
333001602	16 x ¾" x 16	20	320	L
333002001	20 x ½" x 20	15	225	L
333002002	20 x ¾" x 20	15	225	L
333002501	25 x ½" x 25	10	160	L
333002502	25 x ¾" x 25	10	160	L
333002503	25 x 1" x 25	10	160	L
333003201	32 x ½" x 32	10	100	L
333003202	32 x ¾" x 32	10	100	L
333003203	32 x 1" x 32	10	100	L
333004004	40 x 1¼" x 40	○	45	L
333004005	40 x 1½" x 40		45	L
333005005	50 x 1½" x 50	○	30	L
333005006	50 x 2" x 50	○	30	L
333006306	63 x 2" x 63	○	18	L
333006307	63 x 2½" x 63	○	18	L
333007506	75 x 2" x 75	○	10	L
333007507	75 x 2½" x 75	○	10	L
333007508	75 x 3" x 75	○	10	L
333009008	90 x 3" x 90	○	7	L
333011009	110 x 4" x 110	○	4	L

Epsilon Series PN16

No. **333A**  
**Tee Male**



Code	Size	Bag	Box	
333A01601	16 x ½" x 16	20	320	L
333A01602	16 x ¾" x 16	20	320	L
333A02001	20 x ½" x 20	15	180	L
333A02002	20 x ¾" x 20	15	180	L
333A02003	20 x 1" x 20	15	160	L
333A02501	25 x ½" x 25	15	150	L
333A02502	25 x ¾" x 25	15	150	L
333A02503	25 x 1" x 25	10	120	L
333A03201	32 x ½" x 32		100	L
333A03202	32 x ¾" x 32		100	L
333A03203	32 x 1" x 32		85	L
333A04003	40 x 1" x 40		50	L
333A04004	40 x 1¼" x 40	○	50	L
333A04005	40 x 1½" x 40		50	L
333A05005	50 x 1½" x 50	○	30	L
333A05006	50 x 2" x 50		30	L
333A06306	63 x 2" x 63	○	20	L
333A07506	75 x 2" x 75		10	L
333A07507	75 x 2½" x 75		10	L
333A07508	75 x 3" x 75		10	L
333A09008	90 x 3" x 90		6	L
333A11009	110 x 4" x 110	○	2	L

Epsilon Series PN16

No. **334A**  
**Tee Reducing**



Code	Size	Bag	Box	
334A02016	20 x 16 x 20	10	160	L
334A02520	25 x 20 x 25	10	120	L
334A03225	32 x 25 x 32		80	L
334A04032	40 x 32 x 40		40	L
334A05025	50 x 25 x 50		25	L
334A05040	50 x 40 x 50		25	L
334A06325	63 x 25 x 63		16	L
334A06332	63 x 32 x 63		16	L
334A06340	63 x 40 x 63		16	L
334A06350	63 x 50 x 63		16	L
334A07563	75 x 63 x 75		8	L
334A09075	90 x 75 x 90		5	L
334A11090	110 x 90 x 110		2	L

Epsilon Series PN16

No. **334B**  
**Tee Increasing**



Code	Size	Bag	Box	
334B02025	20 x 25 x 20	10	120	L
334B02532	25 x 32 x 25		80	L

Epsilon Series PN16

No. **333C**  
**Cross Tee**



Code	Size	Bag	Box	
333C03202	32 x ¾" x ¾" x 32		80	L

# Compression Fittings

É - Epsilon Series (Metric - PN 16 bar)

No. **330C**  
Epsilon Series PN16  
**Adaptor Flanged**



Code	Size	Bag	Box
330C05005	50 x 1½"		40 L
330C05006	50 x 2"		40 L
330C06306	63 x 2"		20 L
330C06307	63 x 2½"		15 L
330C07507	75 x 2½"		10 L
330C07508	75 x 3"		10 L
330C09008	90 x 3"		8 L
330C09009	90 x 4"		5 L
330C11009	110 x 4"		5 L

No. **330D**  
Epsilon Series PN16  
**Adaptor Flanged Complete Set with Rubber Seal, Screws & Bolts**



Code	Size	Bag	Box
330D05005	50 x 1½"		15 L
330D05006	50 x 2"		15 L
330D06306	63 x 2"		10 L
330D06307	63 x 2½"		15 L
330D07507	75 x 2½"		10 L
330D07508	75 x 3"		10 L
330D09008	90 x 3"		8 L
330D09009	90 x 4"		6 L
330D11009	110 x 4"		4 L

## UNIQUE FEATURES

In order to tie everything together (gasket, backing ring, body), Elysée has produced an ergonomic design which allows the installation of flanged adaptors by a single person.

### 1. Centering Alignment Nerves

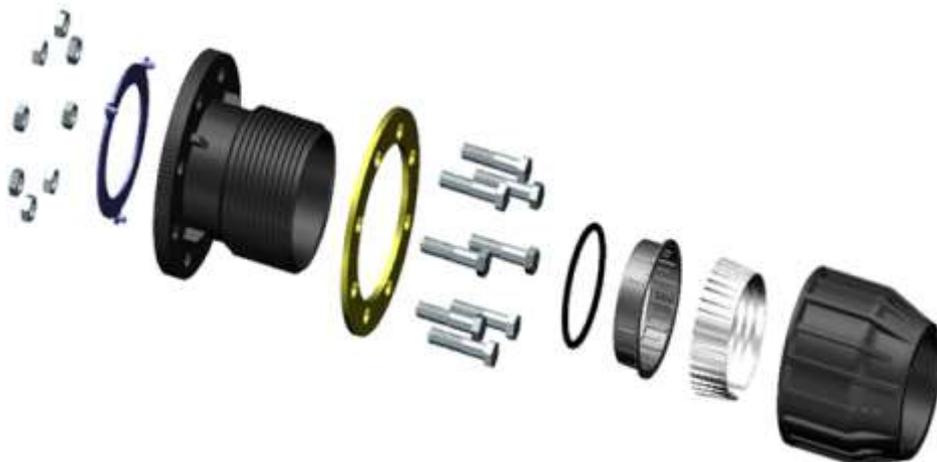


The nerves have been adjusted for the auto-alignment of backing ring at the center of flanged adaptor.

### 2. Fixed Constraint Gasket



The design of the novel gasket allows a fixed connection with adaptor, which ensures its retention during installation.



*Streaming Water. Streaming Life!*



# Compression Fittings

## Compression Fittings

### Compression Fittings

**ζ - Zeta Series** (Metric - PN 16 bar)



- Agriculture
- Landscape
- Building Infrastructure
- Industry

Elysée offers a complete range of fittings, designed for use in cold water services and in flush, overflow, warning and waste pipe. Our fittings comply with the relevant standards EN12201, ISO17885 & BS1972 in terms of dimensions and mechanical properties. To ensure that all requirements of standards and regulations are fulfilled, our fittings are tested regularly and approved by the main certification body WRAS.

## ADVANCED DESIGN

The High-Tolerance range, is designed to connect pipes with various (in close range) external diameter as defined in EN12201, ISO17885, & BS1972.

This new range is following a modern ergonomic design with clear “family” feel to the existing range of Elysée fittings. The High-Tolerance fittings were designated as user friendly, meant to decrease the alterations to the minimum.

High Tolerance type is available for sizes ½”, ¾” & 1”. The breakthrough designed fitting seals pipes with in-range external diameter. Furthermore the same fitting can be installed on pipes as defined by several standards (EN12201, ISO17885, BS1972, etc.).

## FEATURES:

Dynamic Rubber seal compressing and expanding in a way to seal the relevant pipes dimension.

Direct insert were the insert can transfer user’s force directly on the rubber seal for better sealing.

Short split ring that grips well on the relevant pipes bearing the requested pull-out force.

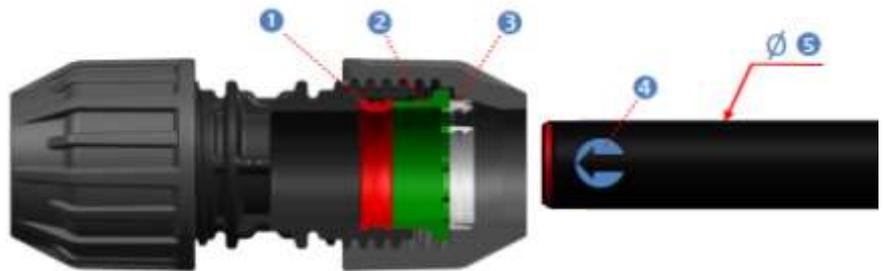
Push-fit technology were pipe can be inserted without force, just by loosening the nut.

The availability of external diameters are as follows (dimensions below are the nominal outside diameters):

½” – Ø20.00 mm up to Ø21.20 mm

¾” – Ø24.95 mm up to Ø27.05 mm

1” – Ø32.00 mm up to Ø33.85 mm



## OPERATING PRESSURE

Fittings are suitable for working pressures up to 16 bar @ 20°C and/or the maximum designated by the relevant standard of the polyethylene pipe in use.

## DIMENSIONS AND CHARACTERISTICS

Our fittings comply with the dimensional requirements and characteristics of the standards EN12201, ISO17885 & BS1972.

## APPLICATION FIELDS

Our fittings are suitable for joining high and low density polyethylene pipes (PE-HD, PE-LD, PE40, PE63, PE80, PE100) conforming to: EN12201 - ISO17885 - BS1972 (Type 32)

## THREADING

Threads (BSP) are manufactured according to: ISO 7, ISO 10226 and BS 21.

## Certificates



DVGW

Potable Water

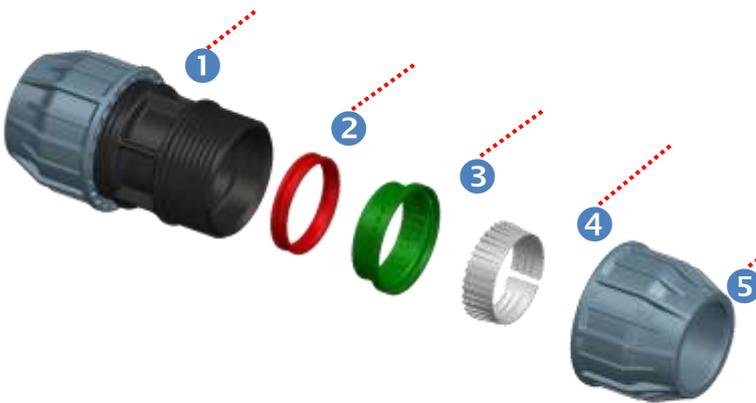


Elysée offers a complete range of Zero-Force fittings for sizes 75, 90 & 110 mm designed for conveyance of fluids, gaseous fuels, compressed air, chemical solutions and slurries under high pressure. Our Zero Force fittings comply with all relevant international standards in terms of dimensions and mechanical properties. They are also ideal for the conveyance of potable water and fluids for human consumption, since they are produced in accordance with national and international standards and regulations for health and safety.

To ensure that all requirements of standards and regulations are fulfilled, our fittings are tested regularly and approved worldwide by the main testing institutes and certification bodies.

## ADVANCED DESIGN

Elysée Zero Force, is a range of fittings designed to connect metrical Polyethylene pipes. This new range is following a modern ergonomic Easy-Fit design with clear “family” feel to the existing range of Elysée fittings. The Zero Force range is 16 bar rated, approved and comply with all relevant international standards relating to compression fittings.



## FEATURES

- Complete Range of fittings from 75 mm up to 110 mm
- No insertion force is necessary for the pipe installation
- Conforms to hygiene and sanitary requirements
- Tested according to all related standards
- Designed for an extensive lifespan

Abrasion and chemical resistant

Use of top-class raw materials for better pressure resistance

No loose component employing no-pull-out insert

Use of top-class raw materials for better pressure resistance

No loose component employing no-pull-out insert

Ease of handling with ergonomic design of nut

Longer pressure zone to accommodate pipe end

Proven leak-free secured system

Modern design and shape

**(1) BODY** - It is the main and most important component of the fitting system. It can be shaped in several dimensions and configurations to satisfy the requirements and arrangements of fluid's direction. It has a snagging arrangement internally to position the O-ring and insert, ensuring leak tightness when assembled with a pipe. A male trapezoidal thread is used externally to join the body with the nut. The body is made with black high performance polypropylene copolymer PP-B. It offers an excellent long-term pressure resistance and also high impact resistance compared to other plastic materials.

**(2) RUBBER SEAL** - Main purpose of this component is to ensure leak tightness between the fitting system and the inserted pipe. It is made by Synthetic rubber (EPDM 70) with the ability to withstand high service temperature, excellent compression set, tear, and abrasion resistance.

**(3) INSERT** - Main purpose of this component is to secure the o-ring and keep it in position during handling and operation. It is made by black high performance polypropylene copolymer PP-B.

**(4) SPLIT RING** - Main purpose of this component is to ensure optimum grip between the fitting system and pipe. Internally, several sharp triangular teeth are applied and are in contact with pipe when inserted to the fitting system. Externally, conical ribs are applied to fit and tight progressively on cap's cone and pipe while pressure is applied in the system or pulling force is increased. It is made by high performance polyacetal (POM) material with sufficient stiffness and hardness to provide high-end load resistance. It can be used to join all types of polyethylene pipes.

**(5) NUT** - The main purpose of this component is the tightening of pipe with the fitting system. Internally, a female trapezoidal thread is applied to enable the connection with the fitting body. Externally, it has an ergonomic designed surface for easy handling during assembly with a pipe. It is made by black high performance polypropylene copolymer PP-B.

Zeta Series PN16

### No. 380 Adaptor Male



Code	Size	Bag	Box	
<b>High Tolerance</b>				
380002001A	20 x 1/2"	25	500	L
380002002A	20 x 3/4"	25	500	L
380002003A	20 x 1"	25	450	L
380002501A	25 x 1/2"	20	360	L
380002502A	25 x 3/4"	20	320	L
380002503A	25 x 1"	20	320	L
380003202A	32 x 3/4"	10	180	L
380003203A	32 x 1"	○ 10	180	L
380003204A	32 x 1 1/4"	○ 10	180	L
380003205A	32 x 1 1/2"	10	150	L
<b>Lip Seal</b>				
380004003A	40 x 1"		100	L
380004004A	40 x 1 1/4"	○	100	L
380004005A	40 x 1 1/2"	○	100	L
380004006A	40 x 2"		100	L
380005005A	50 x 1 1/2"	○	80	L
380005006A	50 x 2"	○	70	L
380006305A	63 x 1 1/2"		45	L
380006306A	63 x 2"	○	45	L
<b>Zero Force</b>				
380007506A	75 x 2"		26	L
380007507A	75 x 2 1/2"	○	26	L
380007508A	75 x 3"	○	26	L
380009006A	90 x 2"		16	L
380009007A	90 x 2 1/2"		16	L
380009008A	90 x 3"		16	L
380009009A	90 x 4"		16	L
380011006A	110 x 2"		8	L
380011008A	110 x 3"		8	L
380011009A	110 x 4"		8	L

Zeta Series PN16

### No. 380A Adaptor Female



Code	Size	Bag	Box	
<b>High Tolerance</b>				
380A02001A	20 x 1/2"	25	500	L
380A02002A	20 x 3/4"	25	500	L
380A02501A	25 x 1/2"	20	360	L
380A02502A	25 x 3/4"	20	360	L
380A02503A	25 x 1"	20	340	L
380A03202A	32 x 3/4"	10	220	L
380A03203A	32 x 1"	○ 10	220	L
380A03204A	32 x 1 1/4"	10	150	L
<b>Lip Seal</b>				
380A04004A	40 x 1 1/4"	○	100	L
380A04005A	40 x 1 1/2"		100	L
380A05005A	50 x 1 1/2"	○	80	L
380A05006A	50 x 2"		70	L
380A06306A	63 x 2"	○	45	L
<b>Zero Force</b>				
380A07506A	75 x 2"		26	L
380A07507A	75 x 2 1/2"	○	26	L
380A07508A	75 x 3"	○	26	L
380A09006A	90 x 2"	○	16	L
380A09007A	90 x 2 1/2"	○	16	L
380A09008A	90 x 3"	○	16	L
380A09009A	90 x 4"	○	16	L
380A11008A	110 x 3"	○	8	L
380A11009A	110 x 4"	○	8	L

# Compression Fittings

A

ζ - Zeta Series (Metric - PN 16 bar)-

Zeta Series PN16

No. **381**  
**Coupling**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
381020020A	20 x 20	15	315	L
381025025A	25 x 25	15	225	L
381032032A	32 x 32	10	120	L
<b>Lip Seal</b>				
381040040A	40 x 40		72	L
381050050A	50 x 50		44	L
381063063A	63 x 63		30	L
<b>Zero Force</b>				
381075075A	75 x 75		16	L
381090090A	90 x 90		10	L
381110110A	110 x 110		5	L

Zeta Series PN16

No. **381A**  
**Coupling Reducing**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
381A02520A	25 x 20	15	255	L
381A03220A	32 x 20	10	180	L
381A03225A	32 x 25	10	150	L
<b>Lip Seal</b>				
381A04025A	40 x 25		100	L
381A04032A	40 x 32		85	L
381A05032A	50 x 32		65	L
381A05040A	50 x 40		60	L
381A06382A	63 x 32		30	L
381A06340A	63 x 40		30	L
381A06350A	63 x 50		30	L
<b>Zero Force</b>				
381A07563A	75 x 63		18	L
381A09063A	90 x 63		12	L
381A09075A	90 x 75		12	L
381A11075A	110 x 75		8	L
381A11090A	110 x 90		8	L

Zeta Series PN16

No. **380B**  
**End Plug**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
380B00020A	20	20	500	L
380B00025A	25	20	340	L
380B00032A	32	10	220	L
<b>Lip Seal</b>				
380B00040A	40		125	L
380B00050A	50		80	L
380B00063A	63		45	L
<b>Zero Force</b>				
380B00075A	75		26	L
380B00090A	90		16	L
380B00110A	110		10	L

Zeta Series PN16

No. **382**  
**Elbow**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
382020020A	20 x 20	20	240	L
382025025A	25 x 25	15	195	L
382032032A	32 x 32		100	L
<b>Lip Seal</b>				
382040040A	40 x 40		60	L
382050050A	50 x 50		36	L
382063063A	63 x 63		24	L
<b>Zero Force</b>				
382075075A	75 x 75		12	L
382090090A	90 x 90		8	L
382110110A	110 x 110		4	L

# Compression Fittings

ζ - Zeta Series (Metric - PN 16 bar)

Zeta Series PN16

No. **Elbow Female**  
**382B**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
382B02001A	20 x ½"	25	375	L
382B02002A	20 x ¾"	25	375	L
382B02501A	25 x ½"	20	260	L
382B02502A	25 x ¾"	20	260	L
382B02503A	25 x 1"	20	260	L
382B03203A	32 x 1"	10	180	L
<b>Lip Seal</b>				
382B04004A	40 x 1¼"	75	75	L
382B04005A	40 x 1½"	75	75	L
382B05005A	50 x 1½"	55	55	L
382B05006A	50 x 2"	55	55	L
382B06306A	63 x 2"	30	30	L
<b>Zero Force</b>				
382B07507A	75 x 2½"	15	15	L
382B07508A	75 x 3"	15	15	L
382B09008A	90 x 3"	10	10	L
382B11009A	110 x 4"	6	6	L

Zeta Series PN16

No. **Tee**  
**384**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
384020020A	20 x 20 x 20	15	150	L
384025025A	25 x 25 x 25	10	110	L
384032032A	32 x 32 x 32		70	L
<b>Lip Seal</b>				
384040040A	40 x 40 x 40		40	L
384050050A	50 x 50 x 50		25	L
384063063A	63 x 63 x 63		16	L
<b>Zero Force</b>				
384075075A	75 x 75 x 75		8	L
384090090A	90 x 90 x 90		5	L
384110110A	110 x 110 x 110		2	L

Zeta Series PN16

No. **Elbow Male**  
**382A**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
382A02001A	20 x ½"	25	425	L
382A02502A	25 x ¾"	20	320	L
382A03203A	32 x 1"	10	180	L
<b>Lip Seal</b>				
382A04004A	40 x 1¼"		90	L
382A04005A	40 x 1½"		90	L
382A05005A	50 x 1½"		60	L
382A05006A	50 x 2"		60	L
382A06306A	63 x 2"		30	L
<b>Zero Force</b>				
382A07507A	75 x 2½"		15	L
382A07508A	75 x 3"		15	L
382A09008A	90 x 3"		10	L
382A11009A	110 x 4"		6	L

Zeta Series PN16

No. **Wall Elbow Female**  
**382D**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
382D02001A	20 x ½"	10	240	L
382D02502A	25 x ¾"	10	140	L

Zeta Series PN16

No. **Tee Reducing**  
**384A**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
384A02520A	25 x 20 x 25	10	120	L
384A03225A	32 x 25 x 32		80	L
<b>Lip Seal</b>				
384A05040A	50 x 40 x 50		25	L
384A06350A	63 x 50 x 63		16	L
<b>Zero Force</b>				
384A07563A	75 x 63 x 75		8	L
384A09075A	90 x 75 x 90		5	L
384A11090A	110 x 90 x 110		2	L



# Compression Fittings

A

ζ - Zeta Series (Metric - PN 16 bar)-

Zeta Series PN16

No. **383**  
**Tee Female**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
383002001A	20 x 1/2" x 20	15	225	L
383002002A	20 x 3/4" x 20	15	225	L
383002501A	25 x 1/2" x 25	10	160	L
383002502A	25 x 3/4" x 25	10	160	L
383002503A	25 x 1" x 25	10	160	L
383003202A	32 x 3/4" x 32	10	100	L
383003203A	32 x 1" x 32	10	100	L
<b>Lip Seal</b>				
383004004A	40 x 1 1/4" x 40	○	45	L
383004005A	40 x 1 1/2" x 40		45	L
383005005A	50 x 1 1/2" x 50	○	30	L
383005006A	50 x 2" x 50	○	30	L
383006306A	63 x 2" x 63	○	18	L
<b>Zero Force</b>				
383007506A	75 x 2" x 75	○	10	L
383007507A	75 x 2 1/2" x 75	○	10	L
383007508A	75 x 3" x 75	○	10	L
383009008A	90 x 3" x 90	○	7	L
383011009A	110 x 4" x 110	○	4	L

Zeta Series PN16

No. **383A**  
**Tee Male**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
383A02001A	20 x 1/2" x 20	15	180	L
383A02002A	20 x 3/4" x 20	15	180	L
383A02501A	25 x 1/2" x 25	15	150	L
383A02502A	25 x 3/4" x 25	15	150	L
383A02503A	25 x 1" x 25	10	120	L
383A03202A	32 x 3/4" x 32		100	L
383A03203A	32 x 1" x 32		85	L
<b>High Tolerance</b>				
383A04004A	40 x 1 1/4" x 40	○	50	L
383A04005A	40 x 1 1/2" x 40		50	L
383A05005A	50 x 1 1/2" x 50	○	30	L
383A05006A	50 x 2" x 50		30	L
383A06306A	63 x 2" x 63	○	20	L
<b>Zero Force</b>				
383A07506A	75 x 2" x 75		10	L
383A07507A	75 x 2 1/2" x 75		10	L
383A07508A	75 x 3" x 75		10	L
383A09008A	90 x 3" x 90		6	L
383A11009A	110 x 4" x 110	○	2	L

Zeta Series PN16

No. **380C**  
**Adaptor Flanged**



Code	Size	Bag	Box	
<b>Lip Seal</b>				
380C05005A	50 x 1 1/2"		40	L
380C05006A	50 x 2"		40	L
380C06306A	63 x 2"		20	L
380C06307A	63 x 2 1/2"		15	L
<b>Zero Force</b>				
380C07507A	75 x 2 1/2"		10	L
380C07508A	75 x 3"		10	L
380C09008A	90 x 3"		8	L
380C09009A	90 x 4"		5	L
380C11009A	110 x 4"		5	L

Zeta Series PN16

No. **380D**  
**Adaptor Flanged Complete Set with Rubber Seal, Screws & Bolts**



Code	Size	Bag	Box	
<b>Lip Seal</b>				
380D05005A	50 x 1 1/2"		15	L
380D05006A	50 x 2"		15	L
380D06306A	63 x 2"		10	L
380D06307A	63 x 2 1/2"		15	L
<b>Zero Force</b>				
380D07507A	75 x 2 1/2"		10	L
380D07508A	75 x 3"		10	L
380D09008A	90 x 3"		8	L
380D09009A	90 x 4"		6	L
380D11009A	110 x 4"		4	L



*Streaming Water. Streaming Life!*



# Compression Fittings

## Compression Fittings

### Compression Fittings

**λ - Lambda Series** (Metric - PN 10 bar)



- Agriculture
- Landscape
- Building Infrastructure
- Industry

Elysée offers a complete range of PN10 compression fittings for sizes 20mm up to 63mm designed for conveyance of fluids, gaseous fuels, compressed air, chemical solutions and slurries under high pressure.

Our PN10 compression fittings comply with all relevant international standards in terms of dimensions and mechanical properties.

They are also ideal for the conveyance of potable water and fluids for human consumption, since they are produced in accordance with national and international standards and regulations for health and safety.

To ensure that all requirements of standards and regulations are fulfilled, our fittings are tested regularly and approved worldwide by the main testing institutes and certification bodies.

## ADVANCED DESIGN

PN10 compression fittings are designed to connect metrical Polyethylene pipes. This range is following a modern ergonomic & Easy-Fit design with clear "family" feel to the existing range of Elysée's PN16 series. This PN10 rated series, complies with all relevant international standards relating to compression fittings.

## OPERATING PRESSURE

Fittings are suitable for working pressures up to 10 bar @ 20°C and/or the maximum designated by the relevant standard of the polyethylene pipe in use.

## DIMENSIONS AND CHARACTERISTICS

Fittings comply with the dimensional requirements and characteristics of the following relevant standards:

- EN 712 / 713 / 715 / 911
- ISO 3458 / 3459 / 3501 / 3503 ISO 17885- DIN 8076 (Performance Series)

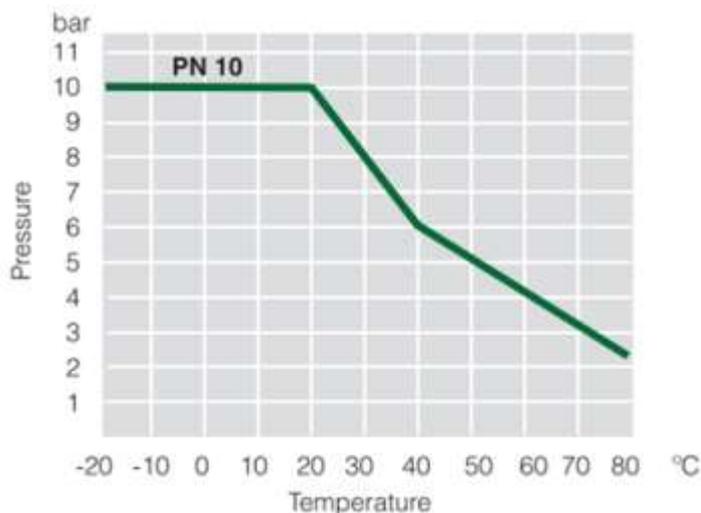
## APPLICATION FIELDS

Fittings are suitable for joining high and low density polyethylene pipes (PE-HD, PE-LD, PE40, PE63, PE80, PE100) conforming to:

- EN 12201
- ISO 3607 / 17885
- DIN 8072 / 8074

## THREADING

Threads (BSP) are manufactured according to: ISO 7, ISO 10226 and BS 21.



# Compression Fittings

# A

## λ - Lambda Series (Metric - PN 10 bar)

Lambda Series PN10

No. **Adaptor Male**  
**360**



Code	Size	Bag	Box	
360002001A	20 x 1/2"	20	600	L
360002002A	20 x 3/4"	20	600	L
360002003A	20 x 1"	20	480	L
360002501A	25 x 1/2"	20	340	L
360002502A	25 x 3/4"	20	340	L
360002503A	25 x 1"	20	320	L
360003201A	32 x 1/2"	20	200	L
360003202A	32 x 3/4"	20	200	L
360003203A	32 x 1"	20	200	L
360003204A	32 x 1 1/4"	20	200	L
360003205A	32 x 1 1/2"	20	180	L
360004003A	40 x 1"		120	L
360004004A	40 x 1 1/4"	20	120	L
360004005A	40 x 1 1/2"	20	120	L
360004006A	40 x 2"		120	L
360005003A	50 x 1"		100	L
360005004A	50 x 1 1/4"		100	L
360005005A	50 x 1 1/2"	20	100	L
360005006A	50 x 2"	20	90	L
360006305A	63 x 1 1/2"		50	L
360006306A	63 x 2"	20	50	L
360006307A	63 x 2 1/2"	20	50	L

Lambda Series PN10

No. **Adaptor Female**  
**360A**



Code	Size	Bag	Box	
360A02001A	20 x 1/2"	20	500	L
360A02002A	20 x 3/4"	20	500	L
360A02501A	25 x 1/2"	20	380	L
360A02502A	25 x 3/4"	20	380	L
360A02503A	25 x 1"	20	380	L
360A03201A	32 x 1/2"	20	220	L
360A03202A	32 x 3/4"	20	220	L
360A03203A	32 x 1"	20	220	L
360A03204A	32 x 1 1/4"	20	220	L
360A04003A	40 x 1"		120	L
360A04004A	40 x 1 1/4"	20	120	L
360A04005A	40 x 1 1/2"	20	120	L
360A05005A	50 x 1 1/2"	20	80	L
360A05006A	50 x 2"		80	L
360A06305A	63 x 1 1/2"		50	L
360A06306A	63 x 2"	20	50	L
360A06307A	63 x 2 1/2"		45	L

Lambda Series PN10

No. **Coupling**  
**361**



Code	Size	Bag	Box	
361020020A	20	20	280	L
361025025A	25	20	220	L
361032032A	32	15	120	L
361040040A	40		90	L
361050050A	50		60	L
361063063A	63		32	L

Lambda Series PN10

No. **Coupling Reducing**  
**361A**



Code	Size	Bag	Box	
361A02520A	25 x 20	20	300	L
361A03220A	32 x 20	20	200	L
361A03225A	32 x 25	20	180	L
361A04025A	40 x 25		110	L
361A04032A	40 x 32		95	L
361A05040A	50 x 40		70	L
361A06332A	63 x 32		35	L
361A06350A	63 x 50		35	L

# Compression Fittings

λ - Lambda Series (Metric - PN 10 bar)

Lambda Series PN10

No. **End Plug**  
**360B**



Code	Size	Bag	Box	
360B00020A	20	20	500	L
360B00025A	25	20	360	L
360B00032A	32	20	220	L
360B00040A	40		150	L
360B00050A	50		100	L
360B00063A	63		50	L

Lambda Series PN10

No. **Elbow**  
**362**



Code	Size	Bag	Box	
362020020A	20	20	240	L
362025025A	25	20	200	L
362032032A	32	20	100	L
362040040A	40		80	L
362050050A	50		45	L
362063063A	63		30	L

Lambda Series PN10

No. **Elbow Male**  
**362A**



Code	Size	Bag	Box	
362A02001A	20 x 1/2"	20	500	L
362A02002A	20 x 3/4"	20	500	L
362A02501A	25 x 1/2"	20	280	L
362A02502A	25 x 3/4"	20	280	L
362A02503A	25 x 1"	20	240	L
362A03202A	32 x 3/4"	20	180	L
362A03203A	32 x 1"	20	180	L
362A04004A	40 x 1 1/4"		110	L
362A04005A	40 x 1 1/2"		110	L
362A05005A	50 x 1 1/2"		75	L
362A05006A	50 x 2"		75	L
362A06306A	63 x 2"		40	L
362A06307A	63 x 2 1/2"		40	L

Lambda Series PN10

No. **Elbow Female**  
**362B**



Code	Size	Bag	Box	
362B02001A	20 x 1/2"	20	360	L
362B02002A	20 x 3/4"	20	360	L
362B02501A	25 x 1/2"	20	320	L
362B02502A	25 x 3/4"	20	320	L
362B02503A	25 x 1"	10	200	L
362B03202A	32 x 3/4"	10	160	L
362B03203A	32 x 1"	20	160	L
362B04004A	40 x 1 1/4"		90	L
362B04005A	40 x 1 1/2"		90	L
362B05005A	50 x 1 1/2"		70	L
362B05006A	50 x 2"		70	L
362B06306A	63 x 2"		40	L
362B06307A	63 x 2 1/2"		40	L

Lambda Series PN10

No. **Elbow Female for Pop-Up**  
**362C**



Code	Size	Bag	Box	
362C02501A	25 x 1/2" x 25		170	L
362C03201A	32 x 1/2" x 32		100	L
362C03202A	32 x 3/4" x 32		100	L

# Compression Fittings

# A

## λ - Lambda Series (Metric - PN 10 bar)

Lambda Series PN10

No. **Tee**  
**364**



Code	Size	Bag	Box	
364020020A	20	20	160	L
364025025A	25	15	120	L
364032032A	32		75	L
364040040A	40		50	L
364050050A	50		35	L
364063063A	63		16	L

Lambda Series PN10

No. **Tee Reducing**  
**364A**



Code	Size	Bag	Box	
364A02520A	25 x 20 x 25	10	100	L
364A03225A	32 x 25 x 32		60	L
364A04032A	40 x 32 x 40		40	L
364A05040A	50 x 40 x 50		35	L
364A06350A	63 x 50 x 63		10	L

Lambda Series PN10

No. **Tee Female**  
**363**



Code	Size	Bag	Box	
363002001A	20 x 1/2" x 20	20	220	L
363002002A	20 x 3/4" x 20	20	220	L
363002501A	25 x 1/2" x 25	10	160	L
363002502A	25 x 3/4" x 25	10	160	L
363003202A	32 x 3/4" x 32		100	L
363003203A	32 x 1" x 32		100	L
363004004A	40 x 1 1/4" x 40	○	60	L
363004005A	40 x 1 1/2" x 40		60	L
363005005A	50 x 1 1/2" x 50	○	40	L
363005006A	50 x 2" x 50	○	40	L
363006306A	63 x 2" x 63	○	20	L
363006307A	63 x 2 1/2" x 63	○	20	L

Lambda Series PN10

No. **Tee Male**  
**363A**



Code	Size	Bag	Box	
363A02001A	20 x 1/2" x 20	20	220	L
363A02002A	20 x 3/4" x 20	20	220	L
363A02003A	20 x 1" x 20	20	200	L
363A02501A	25 x 1/2" x 25	10	160	L
363A02502A	25 x 3/4" x 25	10	160	L
363A02503A	25 x 1" x 25	10	160	L
363A03201A	32 x 1/2" x 32		100	L
363A03202A	32 x 3/4" x 32		100	L
363A03203A	32 x 1" x 32		100	L
363A04003A	40 x 1" x 40		60	L
363A04004A	40 x 1 1/4" x 40		60	L
363A04005A	40 x 1 1/2" x 40		60	L
363A05005A	50 x 1 1/2" x 50		40	L
363A05006A	50 x 2" x 50		40	L
363A06306A	63 x 2" x 63		25	L



*Streaming Water. Streaming Life!*



# Compression Fittings

## Compression Fittings

### Compression Fittings

**Ó - Omicron Series** (Metric - PN 16 bar)



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

Elysée offers a complete range of push-fit fittings for sizes 20, 25 & 32 mm designed for conveyance of fluids, gaseous fuels, compressed air, chemical solutions and slurries under high pressure. Our push-fit fittings comply with all relevant international standards in terms of dimensions and mechanical properties. They are also ideal for the conveyance of potable water and fluids for human consumption, since they are produced in accordance with national and international standards and regulations for health and safety. To ensure that all requirements of standards and regulations are fulfilled, our fittings are tested regularly and approved worldwide by the main testing institutes and certification bodies.

Elysée Push-Fit, is a range of innovative push-fit fittings designed to connect to metrical Polyethylene pipes. This new range is following a modern ergonomic design with clear “family” feel to the existing range of Elysée fittings. The Push-Fit range is 16 bars rated, DVGW approved and comply with all relevant international standards related to compression fittings.

## ADVANCED DESIGN

NUT MODERN DESIGN AND UNIQUE SHAPE

BODY

Made by top quality and certified raw materials

SYSTEM

Unbreakable, corrosion resistant, suitable for emergency situations and limited space applications.

SPLIT RING

Grips the pipe firmly when the system is assembled ensuring that the pipe is not pulled out, even under maximum force

INSERT

Fixed connection with the whole system

O-RING

Certified for being in contact intended for human consumption

## FEATURES

- Range of fittings from 20 mm up to 32 mm including all models
- Anti-vandal and security design features
- No need for assembly tools
- Closed-type fitting ensuring single-movement installation
- Demountable if need by use of special wrench
- Designed for an extensive lifespan
- Abrasion and chemical resistant
- Conforms to international hygiene and sanitary requirements



- (1) BODY
- (2) O-RING
- (3) INSERT
- (4) SPLIT RING
- (5) NUT

## QUALITY MANAGEMENT

The complete range of push-fit fittings of ELYSÉE Irrigation have been tested and approved by all leading certification bodies, including DVGW (D), KIWA (NL), WRAS (GB), BV (AUS) and many others worldwide. Furthermore, ELYSÉE fittings are honored with product certifications on all related standards such as ISO 14236, EN 12201, DIN 8076 and AS/NZS 4129.

## OPERATING PRESSURE

Push-Fits are suitable for working pressures up to 16 bar @ 20°C.

## DIMENSIONS AND CHARACTERISTICS

Our fittings comply with the dimensional requirements and characteristics of the following relevant standards:

- EN 712 / 713 / 715 / 911 - ISO 3458 / 3459 / 3501 / 3503 ISO 14236 - DIN 8076 (Performance Series)

## THREADING

Threads (BSP) are manufactured according to: ISO 7, DIN 2999 and BS 21.

## RESISTANCE TO IMPACT

The thermoplastic materials used for manufacturing the fittings have excellent impact properties.

## ABRASION RESISTANCE

The fittings are suitable for the transportation of abrasive slurries and will withstand normal conditions found in urban, mining, industrial, rural water and waste water systems.

## EFFECT ON WATER

Water is essential to health and to the preservation of the environment. Water quality is commonly defined by its physical, chemical, biological and aesthetical (appearance and smell) characteristics. ELYSÉE fittings fully conform to international hygiene and sanitary requirements specified by standards such as BS6920 (UK), KTW (DE) and AUS/NZ 4020 (AUS)

## APPLICATION FIELDS

Our fittings are suitable for joining high and low density polyethylene pipes (PE-HD, PE-LD, PE40, PE63, PE80, PE100) conforming to:

- EN 12201 - ISO 3607 / 14236 - DIN 8072 / 8074

## TESTING OF FITTINGS

- Testing of raw material (MRS value)
- Internal pressure test of fitting body
- Pull-out test of fittings connected with PE-pipes
- Internal pressure test of fitting fixed with PE-pipes
- Leak tightness against low pressure
- Leak tightness under bending
- Melt mass-flow rate (MFR)
- Hygienic testing of fitting's body and sealing ring

## CERTIFICATES



# Compression Fittings

Ó - Omicron Series (Metric - PN 16 bar)

Omicron (Push Fit) Series PN16

No. **Adaptor Male**  
**350**



Code	Size	Bag	Box
350002001	20 x ½"		300 S
350002502	25 x ¾"		200 S
350003202	32 x ¾"		120 S
350003203	32 x 1"		120 S

Omicron (Push Fit) Series PN16

No. **Adaptor Female**  
**350A**



Code	Size	Bag	Box
350A02001	20 x ½"		300 S
350A02502	25 x ¾"		200 S
350A02503	25 x 1"		200 S
350A03202	32 x ¾"		140 S
350A03203	32 x 1"		120 S

Omicron (Push Fit) Series PN16

No. **Coupling**  
**351**



Code	Size	Bag	Box
351020020	20		150 S
351025025	25		130 S
351032032	32		80 S

Omicron (Push Fit) Series PN16

No. **Coupling Reducing**  
**351A**



Code	Size	Bag	Box
351A02525	25 x 20		150 S
351A03225	32 x 25		70 S

Omicron (Push Fit) Series PN16

No. **End Plug**  
**350B**



Code	Size	Bag	Box
350B00020	20		300 S
350B00025	25		260 S
350B00032	32		130 S

Omicron (Push Fit) Series PN16

No. **Elbow**  
**352**



Code	Size	Bag	Box
352020020	20		150 S
352025025	25		100 S
352032032	32		60 S

# Compression Fittings

A

Ó - Omicron Series (Metric - PN 16 bar)

Omicron (Push Fit) Series PN16

No. **352A**  
**Elbow Male**



Code	Size	Bag	Box
352A02001	20 x ½"		250 S
352A02502	25 x ¾"		150 S
352A03203	32 x 1"		100 S

Omicron (Push Fit) Series PN16

No. **352B**  
**Elbow Female**



Code	Size	Bag	Box
352B02001	20 x ½"		250 S
352B02502	25 x ¾"		150 S
352B03203	32 x 1"		85 S

Omicron (Push Fit) Series PN16

No. **354**  
**Tee**



Code	Size	Bag	Box
354020020	20		100 S
354025025	25		60 S
354032032	32		35 S

Omicron (Push Fit) Series PN16

No. **354A**  
**Tee Reducing**



Code	Size	Bag	Box
354A02525	25 x 20 x 25		60 S
354A03225	32 x 25 x 32		45 S

Omicron (Push Fit) Series PN16

No. **353**  
**Tee Female**



Code	Size	Bag	Box
353020001	20 x ½" x 20		120 S
353025002	25 x ¾" x 25		80 S
353032003	32 x 1" x 32		40 S

Omicron (Push Fit) Series PN16

No. **353A**  
**Tee Male**



Code	Size	Bag	Box
353A02001	20 x ½" x 20		120 S
353A02502	25 x ¾" x 25		75 S
353A03203	32 x 1" x 32		50 S



*Streaming Water. Streaming Life!*



# Compression Fittings

## Compression Fittings

### Compression Fittings

**ή - Eta Series** (Australian Rural PN 10 bar)



- Agriculture
- Landscape
- Building Infrastructure
- Industry

## Quality Management

Our Quality management system ensures top-class products in terms of performance, reliability and durability. This is a crucial parameter to ensure customer satisfaction and loyalty. Elysée quality system, ISO 9001, is approved by CCC and IQNet.

Elysée Rural fittings comply with the Australian Standards of:

AS/NZS 4129 - Fittings for Polyethylene (PE) pipes for pressure applications.

AS/NZS 2698.3 - Plastic Pipe & Fittings for Irrigation and Rural applications.

In compliance with this standard, Elysée ensures regular supply of reliable products with approved quality.

## Dimensions and Characteristics

Our fittings comply with the dimensional and characteristics determined in the relevant standards of AS/NZS 4129 and AS2698.3.

## Application Fields

Our fittings are suitable for joining polyethylene pipes for pressure applications (PE63, PE80, PE100) conforming to AS/NZS 4130 and AS 2698.2.

## Fluids Other Than Water

The fitting may convey a wide variety of fluids. (Contact us for advice on specific applications.)

## Operating Pressure

Fittings from □20 up to □50 mm –10 bar nominal pressure @ 20°C

## Threading

Threads (BSP) are manufactured according to: EN 10226, ISO 7, DIN 2999 and BS 21. All internal (female) threads smaller than 3" are parallel. All other threads (male and female) are tapered. It is recommended that PTFE tape is used when making threaded joints/connections. Any other sealing compound must be confirmed as suitable. Assembly should be carried out by hand and final tightening by a strap wrench, if necessary. Extra care must be taken not to over tighten and otherwise damage the thread.

## Resistance to Impact

The thermoplastic materials used for manufacturing the fittings have excellent impact properties.

## Effect on Water

All fittings intended to be used for potable water supply systems or agricultural practices are manufactured according to the requirements of the relevant standards. Elysée fittings fully conform to international hygiene and sanitary requirements specified by standards such as BS6920 (UK), and AUS/NZ 4020 (AUS).

## Projected Life Expectancy

Based on the information available and the successful performance under the nominated test regime, the life expectancy is rated at 50 years before replacement or major repair. This rating is only a general guide to life expectancy and may increase or decrease depending on the quality of the installation, system operation and environment conditions as well as other geographical and site specific factors.

## Operating Temperature

The fittings are not to be used in hot water although they withstand the same temperature as the polyethylene pipe itself. The fittings withstand sub-zero temperatures. The pressure rating has to be adjusted as shown in the figure below, if the fittings are to be used at higher temperatures.

## Abrasion Resistance

The fittings are suitable for the transportation of abrasive slurries and will withstand normal conditions found in urban, mining, industrial, rural water and waste water systems.

## Weathering

Elysée fittings offer excellent weathering properties which protects against degradation due to ultra- violet radiation. Therefore, their use is permissible on exposed systems without additional protection.

## Certificates



## Testing of Rural Fittings

Several tests are carried out to verify the compliance of our rural fittings with the relevant standards through in-house testing as well as tests in external accredited laboratories. Furthermore, all quality procedures and practices are checked from the entry of raw material, until the delivery of the pipes to the customers. Out of the regular inspections of appearance, colour, marking and geometric characteristics, several mechanical and material tests are carried out as mentioned below:

### Testing Of Raw Material (MRS Value)

The selected raw materials of the fitting body (PP-B) is tested for long-term physical behaviour with successful MRS values in the range of 10 MPa, being the highest in the market.

### Melt Mass-Flow Rate (MFR)

The Mass Flow Rate of the fitting body is measured and then compared in opposition to the measured mass flow rate of the raw material. The difference between the two values should not exceed the 10%.

### Plastics Molded Material Test

The scope of this test is to verify the long term behaviour of the material of the fitting body in line with the ISO 1167 and ISO 9080.

### Hydrostatic Pressure Test for Assembled Joints

The entire assembly, body with pipe, is tested under hydrostatic pressure in order to investigate the leak-proof of assembled joints between the fitting and the rural pipe when the internal pressure is greater than the determined rating pressure of 10 bar. The test conditions used shall demonstrate compliance with ISO 1167.

### Leak-Tightness under Pressure When Subjected To Bending

In accordance with ISO 3503, this test checks the leak proofness of assembled joints under internal pressure when are performed under bending conditions on the prescribed radius

### Plastic Body Fittings Test

In accordance with ISO 1168, the resistance of plastic body fittings is tested when it's subjected to internal pressure.

### Opacity Test

The scope of this test is to determine the amount of light transmitted through the fitting wall in accordance with the ISO of 7686.

### Pressure Loss through Couplings:

This test determines the pressure lost through couplings, used to join polyethylene micro – irrigation pipes in accordance with the AS2698.3 standard.

### Resistance to Pull-Out Test of Assembled Joints

The scope of this test is to determine the resistance of the assembled joints to failure by pull-out when subjected to a specific test load, specified by the relevant standard of ISO 3501.

### Components

- (1) BODY
- (2) O-RING
- (3) INSERT
- (4) RURAL INSERT
- (5) SPLIT RING
- (6) NUT



# Compression Fittings

η - Eta Series (Australian Rural PN10 bar)

Eta Series (Rural) PN10

No. **Adaptor Male**  
**260**



Code	Size	Bag	Box
260002001	3/4" x 1/2"	480	L
260002002	3/4" x 3/4"	480	L
260002003	3/4" x 1"	450	L
260002501	1" x 1/2"	280	L
260002502	1" x 3/4"	280	L
260002503	1" x 1"	260	L
260003201	1 1/4" x 1/2"	180	L
260003202	1 1/4" x 3/4"	180	L
260003203	1 1/4" x 1"	160	L
260003204	1 1/4" x 1 1/4"	160	L
260003205	1 1/4" x 1 1/2"	150	L
260004003	1 1/2" x 1"	100	L
260004004	1 1/2" x 1 1/4"	100	L
260004005	1 1/2" x 1 1/2"	100	L
260004006	1 1/2" x 2"	100	L
260005003	2" x 1"	80	L
260005004	2" x 1 1/4"	80	L
260005005	2" x 1 1/2"	80	L
260005006	2" x 2"	70	L

Eta Series (Rural) PN10

No. **Adaptor Female**  
**260A**



Code	Size	Bag	Box
260A02001	3/4" x 1/2"	500	L
260A02002	3/4" x 3/4"	400	L
260A02501	1" x 1/2"	360	L
260A02502	1" x 3/4"	320	L
260A02503	1" x 1"	320	L
260A03201	1 1/4" x 1/2"	220	L
260A03202	1 1/4" x 3/4"	220	L
260A03203	1 1/4" x 1"	180	L
260A03204	1 1/4" x 1 1/4"	140	L
260A03205	1 1/4" x 1 1/2"	150	L
260A04003	1 1/2" x 1"	100	L
260A04004	1 1/2" x 1 1/4"	100	L
260A04005	1 1/2" x 1 1/2"	100	L
260A05004	2" x 1 1/4"	65	L
260A05005	2" x 1 1/2"	65	L
260A05006	2" x 2"	65	L

Eta Series (Rural) PN10

No. **Coupling**  
**261**



Code	Size	Bag	Box
261020020	3/4" x 3/4"	220	L
261025025	1" x 1"	180	L
261032032	1 1/4" x 1 1/4"	100	L
261040040	1 1/2" x 1 1/2"	72	L
261050050	2" x 2"	44	L

Eta Series (Rural) PN10

No. **End Plug**  
**260B**



Code	Size	Bag	Box
260B00020	3/4"	400	L
260B00025	1"	300	L
260B00032	1 1/4"	180	L
260B00040	1 1/2"	125	L
260B00050	2"	80	L

Eta Series (Rural) PN10

No. **Coupling Reducing**  
**261A**



Code	Size	Bag	Box
261A02520	1" x 3/4"	200	L
261A03220	1 1/4" x 3/4"	140	L
261A03225	1 1/4" x 1"	140	L
261A04025	1 1/2" x 1"	100	L
261A04032	1 1/2" x 1 1/4"	85	L
261A05032	2" x 1 1/4"	65	L
261A05040	2" x 1 1/2"	60	L



# Compression Fittings

A

ή - Eta Series (Australian Rural PN 10 bar)

Eta Series (Rural) PN10

No. **262**  
**Elbow**



Code	Size	Bag	Box
262020020	¾" x ¾"	200	L
262025025	1" x 1"	160	L
262032032	1¼" x 1¼"	80	L
262040040	1½" x 1½"	50	L
262050050	2" x 2"	36	L

Eta Series (Rural) PN10

No. **262D**  
**Wall Elbow Female**



Code	Size	Bag	Box
262D02001	¾" x ½"	240	L
262D02502	1" x ¾"	140	L

Eta Series (Rural) PN10

No. **262A**  
**Elbow Male**



Code	Size	Bag	Box
262A02001	¾" x ½"	400	L
262A02002	¾" x ¾"	300	L
262A02501	1" x ½"	240	L
262A02502	1" x ¾"	240	L
262A02503	1" x 1"	200	L
262A03202	1¼" x ¾"	140	L
262A03203	1¼" x 1"	140	L
262A04004	1½" x 1¼"	90	L
262A04005	1½" x 1½"	90	L
262A05005	2" x 1½"	60	L
262A05006	2" x 2"	60	L

Eta Series (Rural) PN10

No. **262B**  
**Elbow Female**



Code	Size	Bag	Box
262B02001	¾" x ½"	375	L
262B02002	¾" x ¾"	300	L
262B02501	1" x ½"	260	L
262B02502	1" x ¾"	260	L
262B02503	1" x 1"	200	L
262B03202	1¼" x ¾"	180	L
262B03203	1¼" x 1"	140	L
262B04004	1½" x 1¼"	75	L
262B04005	1½" x 1½"	75	L
262B05005	2" x 1½"	55	L
262B05006	2" x 2"	55	L

Eta Series (Rural) PN10

No. **264**  
**Tee**



Code	Size	Bag	Box
264020020	¾" x ¾"	120	L
264025025	1" x 1"	100	L
264032032	1¼" x 1¼"	60	L
264040040	1½" x 1½"	35	L
264050050	2" x 2"	20	L

Eta Series (Rural) PN10

No. **264A**  
**Tee Reducing**



Code	Size	Bag	Box
264A02520	1" x ¾" x 1"	100	L
264A03225	1¼" x 1" x 1¼"	60	L
264A04032	1½" x 1¼" x 1½"	40	L
264A05040	2" x 1½" x 2"	25	L

# Compression Fittings

ή - Eta Series (Australian Rural PN10 bar)

Eta Series (Rural) PN10

No. **263**  
**Tee Female**



Code	Size	Bag	Box
263002001	3/4" x 1/2" x 3/4"	180	L
263002002	3/4" x 3/4" x 3/4"	180	L
263002501	1" x 1/2" x 1"	140	L
263002502	1" x 3/4" x 1"	140	L
263002503	1" x 1" x 1"	120	L
263003202	1 1/4" x 3/4" x 1 1/4"	80	L
263003203	1 1/4" x 1" x 1 1/4"	80	L
263004004	1 1/2" x 1 1/4" x 1 1/2"	45	L
263004005	1 1/2" x 1 1/2" x 1 1/2"	45	L
263005005	2" x 1 1/2" x 2"	30	L
263005006	2" x 2" x 2"	30	L

Eta Series (Rural) PN10

No. **263A**  
**Tee Male**



Code	Size	Bag	Box
263A02001	3/4" x 1/2" x 3/4"	180	L
263A02002	3/4" x 3/4" x 3/4"	180	L
263A02003	3/4" x 1" x 3/4"	160	L
263A02501	1" x 1/2" x 1"	150	L
263A02502	1" x 3/4" x 1"	140	L
263A02503	1" x 1" x 1"	160	L
263A03201	1 1/4" x 1/2" x 1 1/4"	100	L
263A03202	1 1/4" x 3/4" x 1 1/4"	100	L
263A03203	1 1/4" x 1" x 1 1/4"	80	L
263A04003	1 1/2" x 1" x 1 1/2"	50	L
263A04004	1 1/2" x 1 1/4" x 1 1/2"	50	L
263A04005	1 1/2" x 1 1/2" x 1 1/2"	50	L
263A05005	2" x 1 1/2" x 2"	30	L
263A05006	2" x 2" x 2"	30	L

*Streaming Water. Streaming Life!*



# Compression Fittings

## Compression Fittings

### Compression Fittings

#### **Copper Series & Kit** (for Australia)



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

Elysée offers a complete range of fittings, designed for use connecting polyethylene to copper pipelines. Our fittings comply with the relevant standards AS/NZS 4129 in terms of dimensions and mechanical properties. To ensure that all requirements of standards and regulations are fulfilled, our fittings are tested and approved by the main certification body SAI Global.

## ADVANCED DESIGN

The Elysée copper fittings range, is a combination of two types of connection technology. The first type is the well-known polyethylene connection technology where a polyacetal split ring is consigned to grip to the polyethylene pipeline producing the necessary compression to withstand the pull-out forces. The second type is an already proven connection technology where is apply on other special ranges of our product line, consigning a metallic ring to grip to the copper pipeline producing the necessary compression to withstand the pull-out forces.

This new range is following a modern ergonomic design with clear “family” feel to the existing range of Elysée fittings. The copper fittings were designated as user friendly, meant to make the job easier to professionals and/or individuals.

## OPERATING PRESSURE

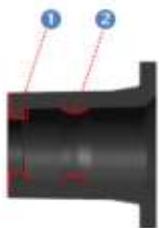
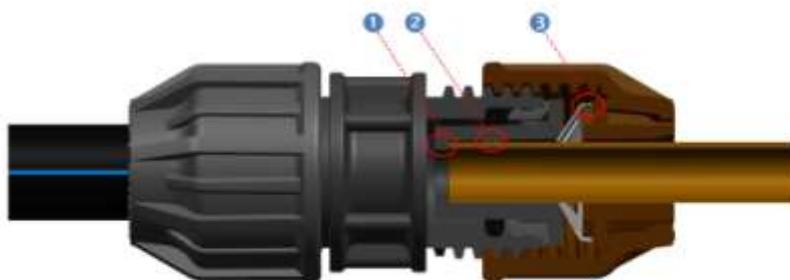
Fittings are suitable for working pressures up to 16 bar @ 20°C and/or the maximum designated by the relevant standard of the pipes in use.

## DIMENSIONS AND CHARACTERISTICS

Our fittings comply with the dimensional requirements and characteristics of the standards AS/NZS 4129.

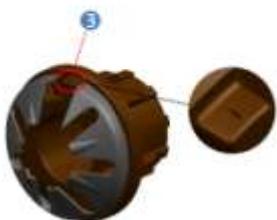
## APPLICATION FIELDS

The polyethylene side is suitable for joining high and low density polyethylene pipes (PE-HD, PE-LD, PE40, PE63, PE80, PE100) conforming to AS/NZS 4130



1 Rubber Seal with stopping hoop feature: A hoop at the end of the rubber seal ensures that the copper pipe will correctly be inserted until the necessary depth avoiding any further penetration of the copper pipe that will decrease or eliminate the water passage section.

2 Rubber seal with small contact area: The small contact area between the copper pipe and rubber seal decreases dramatically the required insertion force exerted by the end user and maintains a leak-free connection even at high pressure.



3 Gripping ring retaining feature: Keeps the metal ring always attached to the cone insert avoiding any misalignment during the assembly process, moreover prohibits the end user from snugging the pipe.



## TESTING OF FITTINGS

- Testing of raw material (MRS value)
- Internal pressure test of fitting body
- Pull-out test of fittings connected with PE-pipes
- Internal pressure test of fitting fixed with PE-pipes
- Leak tightness against low pressure
- Leak tightness under bending
- Melt mass-flow rate (MFR)

Hygienic testing of fitting's body and sealing rings

## CERTIFICATES



AS/NZS 4129



AS/NZS 4020

# Compression Fittings

A

## η - Eta Series - Copper Series & Conversion Kit (for Australia)

No. **251K**  
Copper Series  
**Coupling Poly to Copper**



Code	Size	Bag	Box
251K02001	20 x 1/2"		400 L
251K02002	20 x 3/4"		100 L
251K02501	25 x 1/2"		260 L
251K02502	25 x 3/4"		160 L
251K03202	32 x 3/4"		160 L

No. **254K**  
Copper Series  
**Tee Poly to Copper**



Code	Size	Bag	Box
254K02001	25 x 1/2"		260 L
254K02501	25 x 3/4"		160 L
254K02502	32 x 3/4"		160 L

No. **252K**  
Copper Series  
**Elbow Poly to Copper**



Code	Size	Bag	Box
252K02001	20 x 1/2"		400 L
252K02502	20 x 3/4"		300 L

No. **259K**  
Spare Part  
**Copper KIT**



Code	Size	Bag	Box
259K00001	1/2" - (20)		400 L
259K00002	3/4" - (25)		300 L

No. **269R**  
Spare Part  
**Conversion KIT to Rural**



Code	Size	Bag	Box
269R00020	3/4" - (20)		L
269R00025	1" - (25)		L
269R00032	1 1/4" - (32)		L
269R00040	1 1/2" - (40)		L
269R00050	2" - (50)		L

No. **269M**  
Spare Part  
**Conversion KIT to Metric**



Code	Size	Bag	Box
269M00020	20		L
269M00025	25		L
269M00032	32		L
269M00040	40		L
269M00050	50		L



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# Compression Fittings

## Compression Fittings

### Compression Fittings

#### **Zeeflex Series** (for Pool)



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

ZEEFLEX fittings can be used for connecting flexible PVC hoses used in swimming pool installations.

They are available for 50 & 63 mm flexible PVC hoses which are connected to a mechanical fastening mechanism on the one side, and a male or female solvent gluing or threading connection on the other side.

The materials used in the ZEEFLEX fittings ensure long lasting operation as well as excellent resistance to chemicals most commonly used in such kind of applications.

### QUALITY MANAGEMENT

The complete range of mechanical compression fittings of ELYSÉE Irrigation have been tested and approved by all leading certification bodies, including DVGW (D), KIWA (NL), WRAS (GB), BV (AUS) and many others worldwide. Furthermore, ELYSÉE fittings are honored with product certifications on all related standards such as ISO 14236, EN 12201, DIN 8076 and AS/ NZS 4129.

### DIMENSIONS AND CHARACTERISTICS

Our fittings comply with the dimensional requirements and characteristics of the following relevant standards:

EN 712 / 713 / 715 / 911 - ISO 3458 / 3459 / 3501 / 3503 ISO 14236 - DIN 8076 (Performance Series)

**OPERATING PRESSURE:** Zeeflex fittings are suitable for working pressures up to 6 bars @ 20°C.

### FLUIDS OTHER THAN WATER

The fittings may convey a wide variety of fluids due to their high chemical resistance.

Note: Contact us for advice on specific applications.

### TESTING OF FITTINGS

- Testing of raw material (MRS value)
- Internal pressure test of fitting body
- Pull-out test of fittings connected with PE-pipes
- Internal pressure test of fitting fixed with PE-pipes
- Leak tightness against low pressure
- Leak tightness under bending
- Melt mass-flow rate (MFR)
- Hygienic testing of fitting's body and sealing ring

### ABRASION RESISTANCE

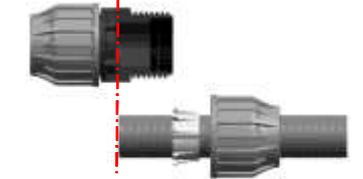
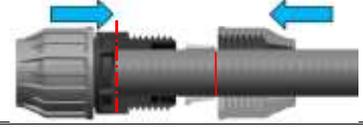
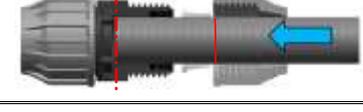
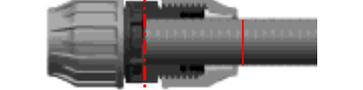
The fittings are suitable for the transportation of abrasive slurries and will withstand normal conditions found in urban, mining, industrial, rural water and waste water systems.

### OPERATING TEMPERATURE

The fittings are able to withstand temperatures up to 50°C as the spiral pipe itself.

### RESISTANCE TO IMPACT

The thermoplastic materials used for manufacturing the fittings have excellent impact properties.

	PROCEDURES	INSTRUCTIONS
STEP 1		Undo the nut up to the last thread. Do not remove the nut from the body. Cut the pipe square, remove burns & chamfer the end of the pipe with a chamfering tool. Mark the length on the pipe, to which the pipe must be pushed in the fitting.
STEP 2		Keep the O-Ring and insert fixed on the body. Assembly is made easier by lubricating pipe, O-ring & inside of fitting with silicone lubricant.
STEP 3		Insert pipe into the fitting until it stops by the step.
STEP 4		Push nut & split ring forward until they reach the fitting.
STEP 5		Tighten the nut by means of special Elysee wrench.
STEP 6		Nut should be closed firmly but does not need to actually meet the body.

# Compression Fittings

A

Zeeflex Series (for Pool)

Zeeflex (Pool) Series

No. **250**  
**Adaptor Male Threaded (PVC)**



Code	Size	Bag	Box
250005005	50 x 1½"		80 L
250005006	50 x 2"		70 L
250006306	63 x 2"		45 L

Zeeflex (Pool) Series

No. **250**  
**Male Spigot Glued (PVC)**



Code	Size	Bag	Box
250005050	50 x 50		80 L
250006363	63 x 63		45 L

Zeeflex (Pool) Series

No. **250A**  
**Adaptor Female Threaded (PP)**



Code	Size	Bag	Box
250A05005	50 x 1½"		65 L
250A06306	63 x 2"		45 L

Zeeflex (Pool) Series

No. **250A**  
**Female Spigot Glued (PVC)**



Code	Size	Bag	Box
250A05050	50 x 50		65 L
250A06363	63 x 63		45 L

Zeeflex (Pool) Series

No. **251**  
**Coupling (PP)**



Code	Size	Bag	Box
251005050	50		44 L
251006363	63		30 L

Zeeflex (Pool) Series

No. **252**  
**Elbow (PP)**



Code	Size	Bag	Box
252005050	50 x 50		36 L
252006363	63 x 63		24 L

Zeeflex (Pool) Series

No. **252A**  
**Elbow Male (PP)**



Code	Size	Bag	Box
252A05005	50 x 1½"		60 L

Zeeflex (Pool) Series

No. **252B**  
**Elbow Female Gluec (PVC)**



Code	Size	Bag	Box
252B05050	50 x 50		36 L
252B06363	63 x 63		24 L

Zeeflex (Pool) Series

No. **254**  
**Tee (PP)**



Code	Size	Bag	Box
254005050	50		25 L
254006363	63		15 L



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# Compression Fittings

## Compression Fittings

### Compression Fittings

#### Special Fittings



- Agriculture
- Landscape
- Building Infrastructure
- Industry

## QUALITY MANAGEMENT

Elysée quality system, ISO 9001:2008, is approved by CCC and IQNet. The complete range of mechanical compression fittings of Elysée Irrigation have been tested and approved by all leading certification bodies, including DVGW (D), KIWA (NL), WRAS (GB), BV (AUS) and many others worldwide. Furthermore, Elysée fittings are honored with product certifications on all related standards such as ISO 14236, EN 12201, DIN 8076 and AS/ NZS 4129.

## EFFECT ON WATER

Elysée fittings fully conform to international hygiene and sanitary requirements specified by standards such as BS6920 (UK), KTW (DE) and AUS/NZ 4020 (AUS).

## DIMENSIONS AND CHARACTERISTICS

Our fittings comply with the dimensional requirements and characteristics of the following standards:

ISO 14236, EN 1092 and adequate Standards

## OPERATING PRESSURE

Universal adaptors are suitable for working pressures up to 6 bars @ 20°C.

## ABRASION RESISTANCE

The fittings are suitable for the transportation of abrasive slurries and will withstand normal conditions found in urban, mining, industrial, rural water and waste water systems.

## WEATHERING

Elysée fittings offer excellent weathering properties which protects against degradation due to ultra- violet radiation. Therefore, their use is permissible on exposed systems without additional protection.

## TESTING OF FITTINGS

- Testing of raw material (MRS value)
- Internal pressure test of fitting body
- Pull-out test of fittings connected with PE-pipes
- Internal pressure test of fitting fixed with PE-pipes
- Leak tightness against low pressure
- Leak tightness under bending
- Melt mass-flow rate (MFR)
- Hygienic testing of fitting's body and sealing ring

## CERTIFICATES

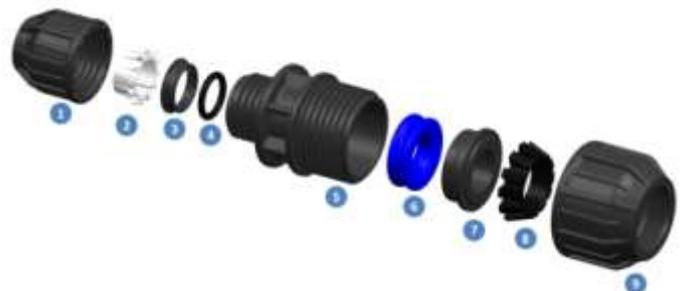


DVGW



Potable Water

	INSTRUCTIONS	PROCEDURES
STEP 1	Using a wrench turn the nut anticlockwise to release the nut from the body. Cut the plumbing pipe square, remove burrs & chamfer the end of the pipe with a chamfering tool. Mark the length on the pipe, to which the pipe must be pushed in the fitting. Push the pipe into the fitting, through the nut, split ring and o-ring, as far as it will go until it meets the internal edge stopper. Fully tighten the nut.	
STEP 2	Do not undo or remove the nut from the body. Cut the PE pipe square, remove burrs & chamfer the end of the pipe with a chamfering tool. Mark the insertion depth on the PE pipe. Lubricate the end pipes.	
STEP 3	Push the PE pipe into the fitting, through the nut, split ring and o-ring, as far as it will go until it meets the 1st resistance. The mark on the pipe is now just in front of the nut.	



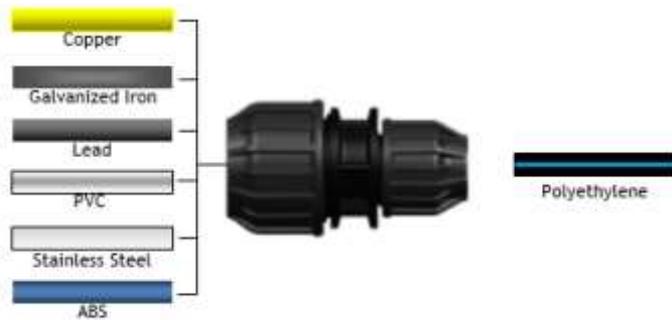
# Compression Fittings

## Global Transition - Universal Adaptor & Imperial Coupler

Suitable fitting for different pipe diameters and for tubes of different kind of materials (metal and plastics)

Product components are designed to seal the various diameters of material pipes.

Available in three different sizes



No. **321D**  
Special Fittings Metric  
**Coupling Global Transition**



Code	Size	Bag	Box
321D02220	15-22 x 20		80 S
321D02225	15-22 x 25		80 S
321D02725	20-27 x 25		70 S
321D02732	20-27 x 32		60 S
321D03425	27-34 x 25		60 S
321D03432	27-34 x 32		55 S

Universal Adaptor is an adaptor that provides means of connecting Polyethylene pipes to a variety of plumbing pipe materials using push-fit technology for fast connection.

Pipes made of materials such as Copper, Polybutylene & PEX can be inserted through the push-fit side of the fitting, ensuring optimum sealing and gripping of the system.

Polyethylene pipes are inserted from the other side of the fitting which is operated with the Elysée well-proven mechanical fastening mechanism



No. **321C**  
Special Fittings Metric  
**Adaptor Universal**



Code	Size	Bag	Box
321C02015	20 x 15	15	400 L
321C02515	25 x 15	20	300 L
321C02522	25 x 22	10	260 L
321C03222	32 x 22	10	160 L
321C03228	32 x 28	10	150 L

No. **221B**  
Imperial Series PN16  
**Coupler**

**IMPERIAL**



Code	Size	Bag	Box
221B02001	½" x 20	20	300 L
221B02501	½" x 25	25	250 L
221B02502	¾" x 25	20	220 L



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# **Compression Fittings**

## **Compression Fittings**

### **Compression Fittings**

#### **Spare Parts & Tools**



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

Spare Part

No. **Cap Metric PN 16**  
**P344**



Code	Size	Bag	Box
P344000016	16		L
P344000020	20		L
P344000025	25		L
P344000032	32		L
P344000040	40		L
P344000050	50		L
P344000063	63		L
P344000075	75		L
P344000090	90		L
P344000110	110		L

Spare Part

No. **Split Ring Metric**  
**P34** **PN16**



Code	Size	Bag	Box
P343000016	16		L
P343000020	20		L
P343000025	25		L
P343000032	32		L
P343000040	40		L
P343000050	50		L
P343000063	63		L
P343000075	75		L
P343000090	90		L
P343000110	110		L

Spare Part

No. **Cap Metric PN 10**  
**P377**



Code	Size	Bag	Box
P377A000020	20		L
P377A000025	25		L
P377A000032	32		L
P377A000040	40		L
P377A000050	50		L
P377A000063	63		L

Spare Part

No. **Split Ring Metric**  
**P376** **PN10**



Code	Size	Bag	Box
P376000020	20		L
P376000025	25		L
P376000032	32		L
P376000040	40		L
P376000050	50		L
P376000063	63		L

Spare Part

No. **Insert Adaptor**  
**P345**



Code	Size	Bag	Box
P345000016	16		L
P345000020	20		L
P345000025	25		L
P345000032	32		L
P345000040	40		L
P345000050	50		L
P345000063	63		L
P345000075	75		L
P345000090	90		L
P345000110	110		L

Spare Part

No. **"O" Ring**  
**342**



Code	Size	Bag	Box
342000016	16		L
342000020	20		L
342000025	25		L
342000032	32		L
342000040	40		L
342000050	50		L
342000063	63		L
342000075	75		L
342000090	90		L
342000110	110		L

# Compression Fittings

A

## Spare Parts - Accessories & Tools

Spare Part

No. **Cap ZF PN 16**  
**PZF1** **Only for Replacement**  
**NOT for Upgrade**



Code	Size	Bag	Box
PZF1000075	75		L
PZF1000090	90		L
PZF1000110	110		L

Spare Part

No. **Insert Adaptor ZF**  
**PZF2** **Only for Replacement**  
**NOT for Upgrade**



Code	Size	Bag	Box
PZF2000075	75		L
PZF2000090	90		L
PZF2000110	110		L

Spare Part

No. **Sealing Rubber ZF**  
**PZF3** **Only for Replacement**  
**NOT for Upgrade**



Code	Size	Bag	Box
PZF300075	75		L
PZF300090	90		L
PZF300110	110		L

Spare Part

No. **Liner (SDR11)**  
**P580**



Code	Size	Bag	Box
P580009020	20		1600 L
P580011025	25		1000 L
P580011032	32		400 L

Tool

No. **Cutter**  
**782**



Code	Size	Bag	Box
782000006			1

Tool

No. **Cap Wrench**  
**814**



Code	Size	Bag	Box
814000000	Alum. Ø 63 - 110		1
814HD0000	Plastic Ø 16 - 110		1



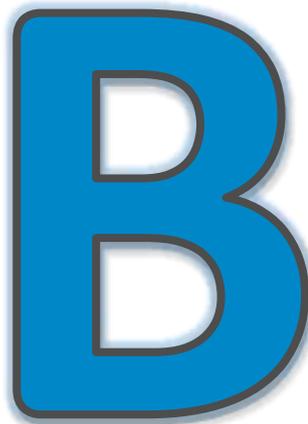
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# Hydraulic Fittings

## Hydraulic Fittings

### Hydraulic Fittings



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

# Hydraulic Fittings

## Threaded BSP

No.  
**566**

Threaded BSP  
**Nipple**



Code	Size	Bag	Box
566000101	½"		1400 S
566000202	¾"		750 S
566000303	1"		400 S
566000404	1¼"		250 S
566000505	1½"		200 S
566000606	2"		250 L
566000707	2½"		140 L
566000808	3"		90 L
566000909	4"		36 L

No.  
**547**

Threaded BSP  
**Socket**



Code	Size	Bag	Box
547000101	½"		600 S
547000202	¾"		500 S
547000303	1"		300 S
547000404	1¼"		200 S
547000505	1½"		135 S
547000606	2"		100 S
547000707	2½"		80 L
547000808	3"		80 L

No.  
**566B**

Threaded BSP  
**Nipple Reducing**



Code	Size	Bag	Box
566B00110	½" x ⅜"		1500 S
566B00201	¾" x ½"		750 S
566B00301	1" x ½"		500 S
566B00302	1" x ¾"		400 S
566B00402	1¼" x ¾"		300 S
566B00403	1¼" x 1"		250 S
566B00503	1½" x 1"		225 S
566B00504	1½" x 1¼"		225 S
566B00602	2" x ¾"		250 L
566B00603	2" x 1"		250 L
566B00604	2" x 1¼"		250 L
566B00605	2" x 1½"		250 L
566B00703	2½" x 1"		150 L
566B00704	2½" x 1¼"		150 L
566B00705	2½" x 1½"		150 L
566B00706	2½" x 2"		150 L
566B00806	3" x 2"		100 L
566B00807	3" x 2½"		90 L
566B00906	4" x 2"		75 L
566B00908	4" x 3"		50 L

No.  
**547B**

Threaded BSP  
**Socket Reducing**



Code	Size	Bag	Box
547B00110	½" x ⅜"		800 S
547B00211	¾" x ½"		600 S
547B00210	¾" x ⅜"		600 S
547B00201	¾" x ½"		500 S
547B00301	1" x ½"		300 S
547B00302	1" x ¾"		300 S
547B00402	1¼" x ¾"		225 S
547B00403	1¼" x 1"		200 S
547B00502	1½" x ¾"		150 S
547B00503	1½" x 1"		150 S
547B00504	1½" x 1¼"		150 S
547B00602	2" x ¾"		100 S
547B00603	2" x 1"		100 S
547B00604	2" x 1¼"		100 S
547B00605	2" x 1½"		100 S
547B00706	2½" x 2"		55 S
547B00807	3" x 2½"		80 L
547B00908	4" x 3"		50 L

No. **570**  
Threaded BSP  
**Plug Male**



Code	Size	Bag	Box
570000001	1/2"	2000	S
570000002	3/4"	1000	S
570000003	1"	600	S
570000004	1 1/4"	400	S
570000005	1 1/2"	300	S
570000006	2"	200	L
570000007	2 1/2"	200	L
570000008	3"	150	L
570000009	4"	50	L

No. **570**  
Threaded BSP  
**Plug Male**



Code	Size	Bag	Box
570000001	1/2"	2000	S
570000002	3/4"	1000	S
570000003	1"	600	S
570000004	1 1/4"	400	S
570000005	1 1/2"	300	S
570000006	2"	200	L
570000007	2 1/2"	200	L
570000008	3"	150	L
570000009	4"	50	L

No. **549**  
Threaded BSP  
**Bushing**



Code	Size	Bag	Box
549000201	3/4" M. x 1/2" F.	1000	S
549000301	1" M. x 1/2" F.	625	S
549000302	1" M. x 3/4" F.	600	S
549000402	1 1/4" M. x 3/4" F.	400	S
549000403	1 1/4" M. x 1" F.	500	S
549000501	1 1/2" M. x 1/2" F.	350	S
549000502	1 1/2" M. x 3/4" F.	350	S
549000503	1 1/2" M. x 1" F.	350	S
549000504	1 1/2" M. x 1 1/4" F.	300	S
549000601	2" M. x 1/2" F.	250	S
549000602	2" M. x 3/4" F.	200	S
549000603	2" M. x 1" F.	200	S
549000604	2" M. x 1 1/4" F.	200	S
549000605	2" M. x 1 1/2" F.	200	S
549000703	2 1/2" M. x 1" F.	220	S
549000704	2 1/2" M. x 1 1/4" F.	110	S
549000705	2 1/2" M. x 1 1/2" F.	110	S
549000706	2 1/2" M. x 2" F.	110	S
549000806	3" M. x 2" F.	75	S
549000807	3" M. x 2 1/2" F.	75	S
549000906	4" M. x 2" F.	35	L
549000908	4" M. x 3" F.	50	L

No. **546A**  
Threaded BSP  
**Reducer Male - Female**



Code	Size	Bag	Box
546A00301	1" M. x 1/2" F.	500	L
546A00302	1" M. x 3/4" F.	500	L

No. **546**  
Threaded BSP  
**Reducer / Estension Female-Male**



Code	Size	Bag	Box
546000201	3/4" F. x 1/2" M.	600	S
546000202	3/4" F. x 3/4" M.	600	S

No. **566C**  
PP Multi-Riser  
**Multi-Riser**



Code	Size	Bag	Box
566C00101	1/2" x 1/2" - 15 cm	360	S
566C00201	3/4" x 1/2" - 15 cm	300	S
566C00202	3/4" x 3/4" - 15 cm	250	S

# Hydraulic Fittings

## Threaded BSP

No.  
**572**

Threaded BSP  
**Elbow Female**



Code	Size	Bag	Box
572000101	½"		500 S
572000202	¾"		350 S
572000303	1"		200 S
572000404	1¼"		100 S
572000505	1½"		90 S
572000606	2"		45 L

No.  
**572B**

Threaded BSP  
**Elbow Male/Female**



Code	Size	Bag	Box
572B00101	½"		600 S
572B00202	¾"		600 S
572B00303	1"		400 S
572B00404	1¼"		100 L
572B00505	1½"		175 L

No.  
**573**

Threaded BSP  
**Tee Reducing Male**



Code	Size	Bag	Box
573020102	¾" x ½" x ¾"		300 S
573030103	1" x ½" x 1"		150 S
573030203	1" x ¾" x 1"		150 S
573040304	1¼" x 1" x 1¼"		100 S
573050205	1½" x ¾" x 1½"		100 S
573050305	1½" x 1" x 1½"		80 S
573060306	2" x 1" x 2"		60 S
573050405	2" x 1¼" x 2"		60 S
573060506	2" x 1½" x 2"		60 S
573070607	2½" x 2" x 2½"		50 S
573080608	3" x 2" x 3"		40 S

No.  
**573**

Threaded BSP  
**Tee Male**



Code	Size	Bag	Box
573010101	½"		300 S
573020202	¾"		300 S
573030303	1"		160 S
573040404	1¼"		200 L
573050505	1½"		150 L
573060606	2"		60 L

No.  
**573A**

Threaded BSP  
**Tee Female**



Code	Size	Bag	Box
573A00101	½"		300 S
573A00202	¾"		250 S
573A00303	1"		120 S
573A00404	1¼"		80 S
573A00505	1½"		50 S
573A00606	2"		50 L

No.  
**574**

Plastic Accessories  
**Tank Outlet**



Code	Size	Bag	Box
574000001	½"		700 S
574000002	¾"		600 S
574000003	1"		400 L

No.  
**965**

Plastic Accessories  
**Flange Plastic**



Code	Size	Bag	Box
96500006P	2"		45 S
96500007P	2½"		25 S
96500008P	3"		25 S

Lock Fittings

No. **Adaptor Male**  
**240**



Code	Size	Bag	Box
240001601	16 x 1/2"		1000 L
240001602	16 x 3/4"		750 L
240001603	16 x 1"		700 L
240002001	20 x 1/2"		800 L
240002002	20 x 3/4"		800 L
240002003	20 x 1"		700 L

Lock Fittings

No. **Adaptor Female**  
**240A**



Code	Size	Bag	Box
240A01601	16 x 1/2"		1000 L
240A01602	16 x 3/4"		750 L
240A01603	16 x 1"		700 L
240A02001	20 x 1/2"		800 L
240A02002	20 x 3/4"		800 L
240A02003	20 x 1"		700 L

Lock Fittings

No. **Coupling**  
**241**



Code	Size	Bag	Box
241016016	16 x 16		500 L
241020020	20 x 20		500 L
241020016	20 x 16		500 L

Lock Fittings

No. **End Plug**  
**240B**



Code	Size	Bag	Box
240B00016	16		1000 L
240B00020	20		1000 L

Lock Fittings

No. **Elbow**  
**242**



Code	Size	Bag	Box
242016016	16 x 16		500 L
242020020	20 x 20		400 L
242020016	20 x 16		450 L

Lock Fittings

No. **Tee**  
**244**



Code	Size	Bag	Box
244016016	16 x 16 x 16		250 L
244020020	20 x 20 x 20		300 L
244016020	16 x 20 x 16		300 L
244020016	20 x 16 x 20		300 L

Lock Fittings

No. **Elbow Male**  
**242A**



Code	Size	Bag	Box
242A01601	16 x 1/2"		500 L
242A01602	16 x 3/4"		600 L
242A01603	16 x 1"		600 L
242A02001	20 x 1/2"		500 L
242A02002	20 x 3/4"		500 L
242A02003	20 x 1"		500 L

Lock Fittings

No. **Elbow Female**  
**242B**



Code	Size	Bag	Box
242B01601	16 x 1/2"		500 L
242B01602	16 x 3/4"		600 L
242B01603	16 x 1"		600 L
242B02001	20 x 1/2"		500 L
242B02002	20 x 3/4"		500 L
242B02003	20 x 1"		500 L

# Hydraulic Fittings

## Lock Series & Spare Parts for Lock Series

Lock Fittings

### No. 243A Tee Male



Code	Size	Bag	Box
243A01601	16 x 1/2"		400 L
243A01602	16 x 3/4"		400 L
243A01603	16 x 1"		400 L
243A02001	20 x 1/2"		400 L
243A02002	20 x 3/4"	300	L
243A02003	20 x 1"		400 L

Lock Fittings

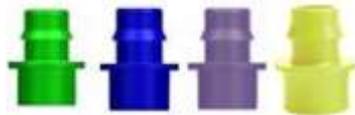
### No. 243 Tee Female



Code	Size	Bag	Box
243001601	16 x 1/2"		400 L
243001602	16 x 3/4"		400 L
243001603	16 x 1"		400 L
243002001	20 x 1/2"		400 L
243002002	20 x 3/4"	300	L
243002003	20 x 1"		400 L

Lock Spare Parts

### No. 241 Insert (Lock)



Code	Size	Bag	Box
241000016	Green Ø 16		2500 L
241000020	Blue Ø 20		1650 L
241D00016	Purple for Dripline Ø 16		2500 L
241D00020	Yellow for Dripline Ø 20		1650 L

For driplines, replace the standard inserts with:

**Purple** for driplines Ø16, or

**Yellow** for driplines Ø20

Lock Spare Parts

### No. 240 Nut (Lock)



Code	Size	Bag	Box
240000016	16		1000 L
240000020	20		1000 L

Lock Spare Parts

### No. 570L Plug Male Lock



Code	Size	Bag	Box
570L00201	3/4"		1000 L

Lock Spare Parts

### No. 566L Nipple Lock



Code	Size	Bag	Box
566L00201	3/4" x 1/2"		750 L
566L00202	3/4" x 3/4"		750 L
566L00302	1" x 3/4"		400 L

Lock Spare Parts

### No. 546L Adaptor Male x Female



Code	Size	Bag	Box
546L00201	3/4" M. x 1/2" F.		1000 S
546L00202	3/4" M. x 3/4" F.		600 S
546L00203	3/4" M. x 1" F.		600 S

## Spare parts for Lock Series & Accessories

Lock Spare Parts

No. **575L**  
**Elbow Male Lock**



Code	Size	Bag	Box
575L00201	3/4" x 1/2"		600 L
575L00202	3/4" x 3/4"		350 L
575L00302	1" x 3/4"		200 L

Lock Spare Parts

No. **572B**  
**Elbow Male x Female Lock**



Code	Size	Bag	Box
572BL0201	3/4" x 1/2"		600 L
575BL0202	3/4" x 3/4"		350 L
575BL0203	3/4" x 1"		200 L

Lock Spare Parts

No. **573L**  
**Tee Male Lock**



Code	Size	Bag	Box
573L00201	3/4" x 1/2" x 3/4"		300 L
573L00202	3/4" x 3/4" x 3/4"		280 L
573L00203	3/4" x 1" x 3/4"		150 L
573L00302	1" x 3/4" x 1"		150 L

Lock Spare Parts

No. **573B**  
**Tee Male x Female Lock**



Code	Size	Bag	Box
573BL0201	3/4" x 1/2" x 3/4"		300 L
573BL0202	3/4" x 3/4" x 3/4"		280 L
573BL0203	3/4" x 1" x 3/4"		150 L

Accessories

No. **959**  
**PTFE Teflon Tape**



Code	Size	Bag	Box
959000000	12 x 0.1		10

Gauges

No. **417**  
**Pressure Gauge 0 -10 Bar**



Code	Size	Bag	Box
41700000S	Simple		100
41700000G	Glycerine		50

Gauges

No. **418**  
**Pressure Gauge Base**



Code	Size	Bag	Box
41800000P	Plastic		30
418000000	Metal		20

Gauges

No. **419**  
**Pressure Gauge Needle**



Code	Size	Bag	Box
419000211	3/4" x 1/4"		
419001100	1/4" x Needle		



*Streaming Water. Streaming Life!*



# Saddles

Saddles

Saddles



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**



Can be used secondary line derivation from main lines of PE, PVC, or PP for irrigation, high pressure conveyance of water, chemical solutions and slurries.

Clamping part from 20mm up to 315mm diameter and threaded part from ½" up to 4" diameter.

The high grade polypropylene material used ensures long lasting operation under demanding applications.

Excellent resistance to most commonly used chemicals for such kind of applications.

Suitable for use in potable water supply systems.

Suitable for exposure to sunlight (UV).

Nitrile sealing gasket for excellent sealing performance and chemical resistance.

#### DIMENSIONS AND CHARACTERISTICS

Saddle fittings comply with the dimensional requirements and characteristics of the relevant standards EN ISO 13460 & AS/ NZS 4129. Threads (BSP) are manufactured according to EN 10226, ISO 7, DIN 2999 and BS 21.

#### OPERATING PRESSURE

16 bar @ 20°C for ø20 mm up to ø 110 mm.

(Exceptions: 12.5 bar for threads 1 ¼" and above)

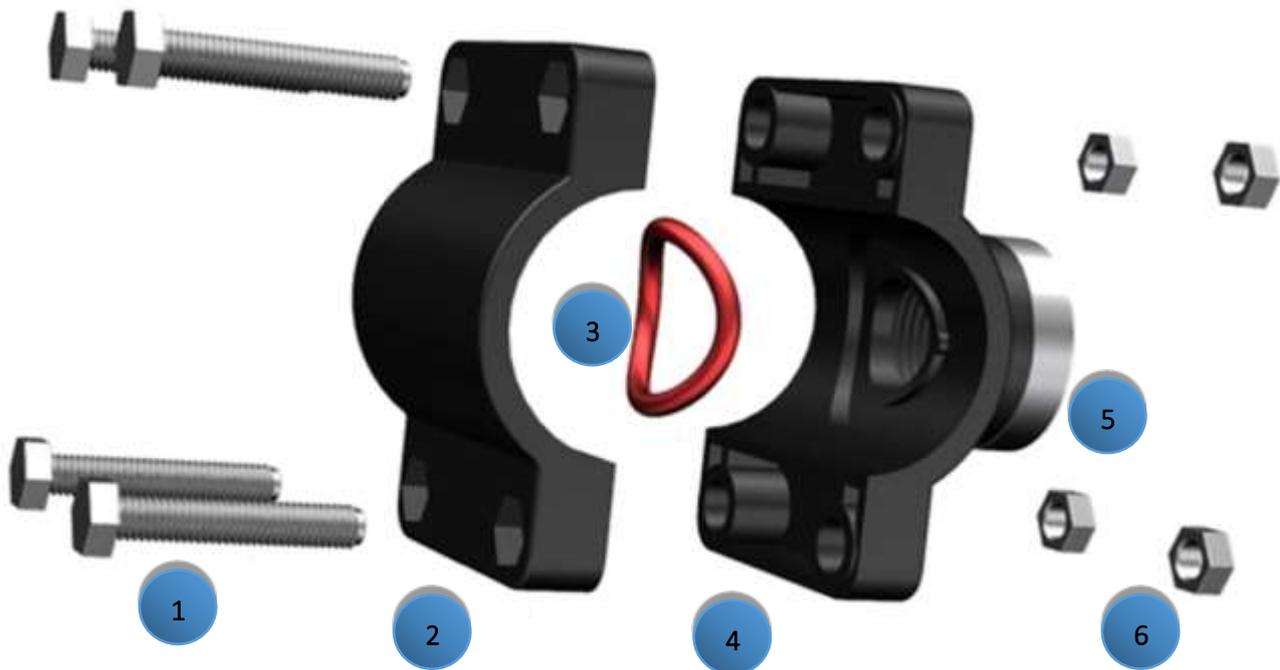
6 bar @ 20°C for ø125 mm up to ø 315 mm

(Exceptions: 4 bar for threads 3" and 4" on saddles 225 mm up to 315 mm)

Model Code	Description	Available Sizes
5500	Single 2, 4 & 6 Bolts	20 mm up to 200 mm - Threads ½" up To 2"
550A	Double 2, 4 & 6 Bolts	20 mm up to 200 mm - Threads ½" up To 2"
550B	Single 2, 4 & 6 Bolts Reinforced	20 mm up to 315mm - Threads ½" up to 4"
550C	Double 2, 4 & 6 Bolts Reinforced	20 mm up to 315 mm - Threads ½" up To 4"
550F	Single 2 & 4 Bolts with Flat Seal	40 mm up to 110 mm - Threads ½" up to 1"
550H	Single 2 & 4 Bolts Reinforced with Flat Seal & S.S. Bolts/Nuts	40 mm up to 110 mm - Threads ½" up to 1"
550T	Single 2,4 & 6 Bolts Reinforced and S.S. Bolts/Nuts	20 mm up to 315 mm - Threads ½" up to 4"
550V	2 & 4 Bolts <b>Blue</b> Single Reinforced with Flat Seal	50 mm up to 110 mm - Threads ¾" & 1"

Refer to the technical manual for specific data sheets

## Materials & Components



(1) **BOLTS** – Constitute a fundamental part of the saddle in order to enhance restraint performance. The bolts meet the standard of ISO4018 & DIN933

(2) & (4) **BODY** – Major and most important component of the fitting system. It can be shaped in several dimensions and configurations to satisfy the requirements and arrangements of fluids direction. It has a snagging arrangement internally to position the O-ring and insert, ensuring leak-free tightness when assembled with a pipe. A male trapezoidal thread is used externally to join the body with the nut. The body is made with black high performance polypropylene copolymer PP-B.

(3) **O-RING** – Ensures leak tightness between the fitting system and the inserted pipe. It is made by food safe nitrile rubber (NBR 70) to withstand high service temperature, excellent compression set, tear, and abrasion resistance.

(5) **REINFORCING RING** – Made from stainless or galvanized steel, suitable for female threaded type compression fittings and saddles. Enable high strength and pressure resistance especially on large diameters and threads where the above factors are particularly critical.

(6) **METAL HEX NUTS** – Made from stainless or galvanized steel, available in several diameters and thicknesses for the optimum fit on each size of saddle.



# Saddles

## Single with 2 - 4 or 6 Bolts

2 Bolts

No. **550**  
**Saddle Single with "O" Ring Seal**



Code	Size	Bag	Box
550002001	20 x 1/2"		400 L
550002501	25 x 1/2"		300 L
550002502	25 x 3/4"		300 L
550003201	32 x 1/2"		270 L
550003202	32 x 3/4"		270 L
550004001	40 x 1/2"		180 L
550004002	40 x 3/4"		180 L
550004003	40 x 1"		150 L
550005001	50 x 1/2"		120 L
550005002	50 x 3/4"		120 L
550005003	50 x 1"		100 L
550006301	63 x 1/2"		100 L
550006302	63 x 3/4"		100 L
550006303	63 x 1"		100 L

4 Bolts

No. **550**  
**Saddle Single with "O" Ring Seal**



Code	Size	Bag	Box
550045001	50 x 1/2"		100 L
550045002	50 x 3/4"		100 L
550045003	50 x 1"		100 L
550045004	50 x 1 1/4"		100 L
550046301	63 x 1/2"		80 L
550046302	63 x 3/4"		80 L
550046303	63 x 1"		80 L
550046304	63 x 1 1/4"		70 L
550046305	63 x 1 1/2"		70 L
550007501	75 x 1/2"		65 L
550007502	75 x 3/4"		65 L
550007503	75 x 1"		65 L
550007504	75 x 1 1/4"		60 L
550007505	75 x 1 1/2"		60 L
550007506	75 x 2"		45 L
550009001	90 x 1/2"		40 L
550009002	90 x 3/4"		40 L
550009003	90 x 1"		40 L
550009004	90 x 1 1/4"		40 L
550009005	90 x 1 1/2"		35 L
550009006	90 x 2"		35 L
550011001	110 x 1/2"		30 L
550011002	110 x 3/4"		30 L
550011003	110 x 1"		30 L
550011004	110 x 1 1/4"		30 L
550011005	110 x 1 1/2"		30 L
550011006	110 x 2"		25 L
550012502	125 x 3/4"		30 L
550012503	125 x 1"		30 L
550012504	125 x 1 1/4"		30 L
550012505	125 x 1 1/2"		30 L
550012506	125 x 2"		30 L

6 Bolts

No. **550**  
**Saddle Single with "O" Ring Seal**



Code	Size	Bag	Box
550014002	140 x 3/4"		24 L
550014003	140 x 1"		24 L
550014004	140 x 1 1/4"		24 L
550014005	140 x 1 1/2"		24 L
550014006	140 x 2"		24 L
550016002	160 x 3/4"		24 L
550016003	160 x 1"		24 L
550016004	160 x 1 1/4"		24 L
550016005	160 x 1 1/2"		24 L
550016006	160 x 2"		24 L
550020002	200 x 3/4"		10 L
550020003	200 x 1"		10 L
550020004	200 x 1 1/4"		10 L
550020005	200 x 1 1/2"		10 L
550020006	200 x 2"		10 L



## Double with 2 - 4 or 6 Bolts

2 Bolts

No. **550A** Saddle Double with "O" Ring Seal



Code	Size	Bag	Box
550A02001	20 x 1/2"		75 S
550A02501	25 x 1/2"		150 S
550A02502	25 x 3/4"		150 S
550A03201	32 x 1/2"		100 S
550A03202	32 x 3/4"		100 S
550A04001	40 x 1/2"		60 S
550A04002	40 x 3/4"		60 S
550A04003	40 x 1"		50 S
550A05001	50 x 1/2"		80 L
550A05002	50 x 3/4"		100 L
550A05003	50 x 1"		30 L
550A06301	63 x 1/2"		100 L
550A06302	63 x 3/4"		100 L
550A06303	63 x 1"		100 L

4 Bolts

No. **550A** Saddle Double with "O" Ring Seal



Code	Size	Bag	Box
550A45001	50 x 1/2"		50 S
550A45002	50 x 3/4"		50 S
550A45003	50 x 1"		50 S
550A45004	50 x 1 1/4"		50 S
550A46301	63 x 1/2"		40 S
550A46302	63 x 3/4"		40 S
550A46303	63 x 1"		40 S
550A46304	63 x 1 1/4"		35 S
550A46305	63 x 1 1/2"		35 S
550A07501	75 x 1/2"		50 L
550A07502	75 x 3/4"		50 L
550A07503	75 x 1"		50 L
550A07504	75 x 1 1/4"		50 L
550A07505	75 x 1 1/2"		50 L
550A07506	75 x 2"		40 L
550A09001	90 x 1/2"		50 L
550A09002	90 x 3/4"		40 L
550A09003	90 x 1"		35 L
550A09004	90 x 1 1/4"		50 L
550A09005	90 x 1 1/2"		30 L
550A09006	90 x 2"		30 L
550A11001	110 x 1/2"		25 L
550A11002	110 x 3/4"		25 L
550A11003	110 x 1"		25 L
550A11004	110 x 1 1/4"		25 L
550A11005	110 x 1 1/2"		25 L
550A11006	110 x 2"		20 L
550A12502	125 x 3/4"		30 L
550A12503	125 x 1"		30 L
550A12504	125 x 1 1/4"		20 L
550A12505	125 x 1 1/2"		20 L
550A12506	125 x 2"		20 L

6 Bolts

No. **550A** Saddle double with "O" Ring Seal



Code	Size	Bag	Box
550A14002	140 x 3/4"		25 L
550A14003	140 x 1"		25 L
550A14004	140 x 1 1/4"		25 L
550A14005	140 x 1 1/2"		25 L
550A14006	140 x 2"		25 L
550A16002	160 x 3/4"		15 L
550A16003	160 x 1"		15 L
550A16004	160 x 1 1/4"		15 L
550A16005	160 x 1 1/2"		15 L
550A16006	160 x 2"		15 L
550A20002	200 x 3/4"		8 L
550A20003	200 x 1"		8 L
550A20004	200 x 1 1/4"		8 L
550A20005	200 x 1 1/2"		8 L
550A20006	200 x 2"		8 L

## Saddles

Single & Double Reinforced with 2 Bolts

No. **550B**  
**Saddle Single with "O" Ring Seal & Metal Ring**

2 Bolts



Code	Size	Bag	Box
550B02001	20 x 1/2"		400 L
550B02501	25 x 1/2"		300 L
550B02502	25 x 3/4"		300 L
550B03201	32 x 1/2"		270 L
550B03202	32 x 3/4"		270 L
550B04001	40 x 1/2"		180 L
550B04002	40 x 3/4"		180 L
550B04003	40 x 1"		150 L
550B05001	50 x 1/2"		120 L
550B05002	50 x 3/4"		120 L
550B05003	50 x 1"		120 L
550B06301	63 x 1/2"		100 L
550B06302	63 x 3/4"		100 L
550B06303	63 x 1"		100 L

No. **550C**  
**Saddle Double with "O" Ring Seal & Metal Ring**

2 Bolts



Code	Size	Bag	Box
550C02001	20 x 1/2"		150 S
550C02501	25 x 1/2"		150 S
550C02502	25 x 3/4"		150 S
550C03201	32 x 1/2"		100 S
550C03202	32 x 3/4"		100 S
550C04001	40 x 1/2"		90 S
550C04002	40 x 3/4"		90 S
550C04003	40 x 1"		90 S
550C05001	50 x 1/2"		100 L
550C05002	50 x 3/4"		100 L
550C05003	50 x 1"		100 L
550C06301	63 x 1/2"		100 L
550C06302	63 x 3/4"		100 L
550C06303	63 x 1"		100 L



## Single & Double with 4 Bolts

4 Bolts

No. **550B**  
**Saddle Single with "O" Ring Seal & Metal Ring**



Code	Size	Bag	Box
550B45001	50 x 1/2"		100 L
550B45002	50 x 3/4"		100 L
550B45003	50 x 1"		100 L
550B45004	50 x 1 1/4"		100 L
550B46301	63 x 1/2"		80 L
550B46302	63 x 3/4"		80 L
550B46303	63 x 1"		80 L
550B46304	63 x 1 1/4"		70 L
550B46305	63 x 1 1/2"		70 L
550B07501	75 x 1/2"		65 L
550B07502	75 x 3/4"		65 L
550B07503	75 x 1"		65 L
550B07504	75 x 1 1/4"		60 L
550B07505	75 x 1 1/2"		60 L
550B07506	75 x 2"		45 L
550B09001	90 x 1/2"		40 L
550B09002	90 x 3/4"		40 L
550B09003	90 x 1"		40 L
550B09004	90 x 1 1/4"		40 L
550B09005	90 x 1 1/2"		35 L
550B09006	90 x 2"		35 L
550B11001	110 x 1/2"		30 L
550B11002	110 x 3/4"		30 L
550B11003	110 x 1"		30 L
550B11004	110 x 1 1/4"		30 L
550B11005	110 x 1 1/2"		30 L
550B11006	110 x 2"		25 L
550B11008	110 x 3"		24 L
550B12502	125 x 3/4"		30 L
550B12503	125 x 1"		30 L
550B12504	125 x 1 1/4"		30 L
550B12505	125 x 1 1/2"		30 L
550B12506	125 x 2"		30 L

4 Bolts

No. **550C**  
**Saddle Double with "O" Ring Seal & Metal Ring**



Code	Size	Bag	Box
550C45001	50 x 1/2"		50 S
550C45002	50 x 3/4"		50 S
550C45003	50 x 1"		50 S
550C45004	50 x 1 1/4"		50 S
550C46301	63 x 1/2"		40 S
550C46302	63 x 3/4"		40 S
550C46303	63 x 1"		40 S
550C46304	63 x 1 1/4"		30 S
550C46305	63 x 1 1/2"		35 S
550C07501	75 x 1/2"		50 L
550C07502	75 x 3/4"		50 L
550C07503	75 x 1"		50 L
550C07504	75 x 1 1/4"		50 L
550C07505	75 x 1 1/2"		50 L
550C07506	75 x 2"		40 L
550C09001	90 x 1/2"		50 L
550C09002	90 x 3/4"		40 L
550C09003	90 x 1"		35 L
550C09004	90 x 1 1/4"		35 L
550C09005	90 x 1 1/2"		30 L
550C09006	90 x 2"		30 L
550C11001	110 x 1/2"		25 L
550C11002	110 x 3/4"		25 L
550C11003	110 x 1"		25 L
550C11004	110 x 1 1/4"		25 L
550C11005	110 x 1 1/2"		25 L
550C11006	110 x 2"		20 L
550C11008	110 x 3"		15 L
550C12502	125 x 3/4"		30 L
550C12503	125 x 1"		30 L
550C12504	125 x 1 1/4"		15 L
550C12505	125 x 1 1/2"		30 L
550C12506	125 x 2"		20 L

# Saddles

## Single & Double Reinforced with 6 Bolts

6 Bolts

No. **550B**  
**Saddle Single with  
 "O" Ring Seal & Metal  
 Ring**



Code	Size	Bag	Box
550B12508	125 x 3"		20 L
550B14002	140 x ¾"		24 L
550B14003	140 x 1"		24 L
550B14004	140 x 1¼"		24 L
550B14005	140 x 1½"		24 L
550B14006	140 x 2"		24 L
550B16002	160 x ¾"		24 L
550B16003	160 x 1"		24 L
550B16004	160 x 1¼"		24 L
550B16005	160 x 1½"		24 L
550B16006	160 x 2"		24 L
550B16008	160 x 3"		16 L
550B16009	160 x 4"		16 L
550B20002	200 x ¾"		10 L
550B20003	200 x 1"		10 L
550B20004	200 x 1¼"		10 L
550B20005	200 x 1½"		10 L
550B20006	200 x 2"		10 L
550B20008	200 x 3"		10 L
550B20009	200 x 4"		10 L
550B22506	225 x 2"		3 L
550B22508	225 x 3"		3 L
550B22509	225 x 4"		3 L
550B25006	250 x 2"		8 L
550B25007	250 x 2½"		8 L
550B25008	250 x 3"		8 L
550B25009	250 x 4"		8 L
550B31506	315 x 2"		5 L
550B31507	315 x 2½"		5 L
550B31508	315 x 3"		5 L
550B31509	315 x 4"		5 L

6 Bolts

No. **550C**  
**Saddle Double with  
 "O" Ring Seal & Metal  
 Ring**



Code	Size	Bag	Box
550C12506	125 x 2"		20 L
550C12508	125 x 3"		10 L
550C14002	140 x ¾"		15 L
550C14003	140 x 1"		15 L
550C14004	140 x 1¼"		15 L
550C14005	140 x 1½"		15 L
550C14006	140 x 2"		15 L
550C16002	160 x ¾"		25 L
550C16003	160 x 1"		15 L
550C16004	160 x 1¼"		20 L
550C16005	160 x 1½"		25 L
550C16006	160 x 2"		25 L
550C16008	160 x 3"		10 L
550C16009	160 x 4"		10 L
550C20002	200 x ¾"		8 L
550C20003	200 x 1"		8 L
550C20004	200 x 1¼"		8 L
550C20005	200 x 1½"		8 L
550C20006	200 x 2"		8 L
550C20008	200 x 3"		8 L
550C20009	200 x 4"		8 L

## Single Reinforced 2 or 4 with S.S. Bolts

No. **550T** **Saddle Single with "O" Ring Seal - Metal Ring & SS Bolts/Nuts**

2 Bolts



Code	Size	Bag	Box
550T02001	20 x 1/2"		400 L
550T02501	25 x 1/2"		300 L
550T02502	25 x 3/4"		300 L
550T03201	32 x 1/2"		270 L
550T03202	32 x 3/4"		270 L
550T04001	40 x 1/2"		180 L
550T04002	40 x 3/4"		180 L
550T04003	40 x 1"		150 L
550T05001	50 x 1/2"		120 L
550T05002	50 x 3/4"		120 L
550T05003	50 x 1"		120 L
550T06301	63 x 1/2"		100 L
550T06302	63 x 3/4"		100 L
550T06303	63 x 1"		100 L

No. **550T** **Saddle Single with "O" Ring Seal - Metal Ring & SS Bolts/Nuts**

4 Bolts



Code	Size	Bag	Box
550T45001	50 x 1/2"		100 L
550T45002	50 x 3/4"		100 L
550T45003	50 x 1"		100 L
550T45004	50 x 1 1/4"		100 L
550T46301	63 x 1/2"		80 L
550T46302	63 x 3/4"		80 L
550T46303	63 x 1"		80 L
550T46304	63 x 1 1/4"		70 L
550T46305	63 x 1 1/2"		70 L
550T07501	75 x 1/2"		65 L
550T07502	75 x 3/4"		65 L
550T07503	75 x 1"		65 L
550T07504	75 x 1 1/4"		60 L
550T07505	75 x 1 1/2"		60 L
550T07506	75 x 2"		60 L
550T09001	90 x 1/2"		40 L
550T09002	90 x 3/4"		40 L
550T09003	90 x 1"		40 L
550T09004	90 x 1 1/4"		40 L
550T09005	90 x 1 1/2"		35 L
550T09006	90 x 2"		35 L
550T11001	110 x 1/2"		30 L
550T11002	110 x 3/4"		30 L
550T11003	110 x 1"		30 L
550T11004	110 x 1 1/4"		30 L
550T11005	110 x 1 1/2"		30 L
550T11006	110 x 2"		25 L
550T11008	110 x 3"		24 L
550T12502	125 x 3/4"		30 L
550T12503	125 x 1"		30 L
550T12504	125 x 1 1/4"		30 L
550T12505	125 x 1 1/2"		30 L
550T12506	125 x 2"		30 L

# Saddles

Single Reinforced with 6 S.S. Bolts

6 Bolts

No.  
**550T**

**Saddle Single with "O"  
Ring Seal - Metal Ring  
& SS Bolts/Nuts**



Code	Size	Bag	Box
550T14002	140 x ¾"		24 L
550T14003	140 x 1"		24 L
550T14004	140 x 1¼"		24 L
550T14005	140 x 1½"		24 L
550T14006	140 x 2"		24 L
550T16002	160 x ¾"		24 L
550T16003	160 x 1"		24 L
550T16004	160 x 1¼"		24 L
550T16005	160 x 1½"		24 L
550T16006	160 x 2"		24 L
550T16008	160 x 3"		16 L
550T16009	160 x 4"		16 L
550T20002	200 x ¾"		10 L
550T20003	200 x 1"		10 L
550T20004	200 x 1¼"		10 L
550T20005	200 x 1½"		10 L
550T20006	200 x 2"		10 L
550T20008	200 x 3"		10 L
550T20009	200 x 4"		10 L
550T22506	225 x 2"		3 L
550T22508	225 x 3"		3 L
550T22509	225 x 4"		3 L
550T25006	250 x 2"		8 L
550T25007	250 x 2½"		8 L
550T25008	250 x 3"		8 L
550T25009	250 x 4"		8 L
550T31506	315 x 2"		5 L
550T31507	315 x 2½"		5 L
550T31508	315 x 3"		5 L
550T31509	315 x 4"		5 L



## Single Flat Seal (standard or Reinforced with S.S. Bolts)

No. **550F**  
**Saddle Single with Flat Seal**

2 Bolts



Code	Size	Bag	Box
550F04003	40 x 1"		70 S
550F05001	50 x ½"		50 S
550F05002	50 x ¾"		50 S
550F05003	50 x 1"		50 S
550F06301	63 x ½"		100 L
550F06302	63 x ¾"		100 L
550F06303	63 x 1"		100 L

No. **550F**  
**Saddle Single with Flat Seal**

4 Bolts



Code	Size	Bag	Box
550F45001	50 x ½"		100 L
550F45002	50 x ¾"		100 L
550F45003	50 x 1"		100 L
550F46301	63 x ½"		80 L
550F46302	63 x ¾"		80 L
550F46303	63 x 1"		80 L
550F07501	75 x ½"		65 L
550F07502	75 x ¾"		65 L
550F07503	75 x 1"		65 L
550F09001	90 x ½"		45 L
550F09002	90 x ¾"		40 L
550F09003	90 x 1"		40 L
550F11001	110 x ½"		30 L
550F11002	110 x ¾"		30 L
550F11003	110 x 1"		30 L

No. **550H**  
**Saddle Single with Flat Seal - Metal Ring & SS Bolts/Nuts**

2 Bolts



Code	Size	Bag	Box
550H04003	40 x 1"		70 S
550H05001	50 x ½"		100 L
550H05002	50 x ¾"		100 L
550H05003	50 x 1"		100 L
550H06301	63 x ½"		100 L
550H06302	63 x ¾"		100 L
550H06303	63 x 1"		100 L

No. **550H**  
**Saddle Single with Flat Seal - Metal Ring & SS Bolts/Nuts**

4 Bolts



Code	Size	Bag	Box
550H45001	50 x ½"		100 L
550H45002	50 x ¾"		100 L
550H45003	50 x 1"		100 L
550H46301	63 x ½"		80 L
550H46302	63 x ¾"		80 L
550H46303	63 x 1"		80 L
550H07501	75 x ½"		65 L
550H07502	75 x ¾"		65 L
550H07503	75 x 1"		65 L
550H09001	90 x ½"		45 L
550H09002	90 x ¾"		40 L
550H09003	90 x 1"		40 L
550H11001	110 x ½"		30 L
550H11002	110 x ¾"		30 L
550H11003	110 x 1"		30 L

No. **550V**  
**Saddle Blue Single with Flat Seal & Metal Ring**

4 Bolts



Code	Size	Bag	Box
550V05002	50 x ¾"		100 L
550V05003	50 x 1"		100 L
550V06302	63 x ¾"		80 L
550V06303	63 x 1"		80 L
550V07502	75 x ¾"		65 L
550V07503	75 x 1"		65 L
550V09002	90 x ¾"		40 L
550V09003	90 x 1"		40 L
550V11002	110 x ¾"		30 L
550V11003	110 x 1"		30 L



*Streaming Water. Streaming Life!*



# Light-Weight Fittings

Light-Weight Fittings

Light-Weight Fittings



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

# Light-Weight Fittings



**Description:** Light-weight fittings for irrigation networks and low-pressure conveyance of water.

**Range:** Barbed series from Ø 16mm up to Ø 25mm, threaded series from Ø ½” up to Ø 1”

**Pressure Rating:** 6 bar at 20°C

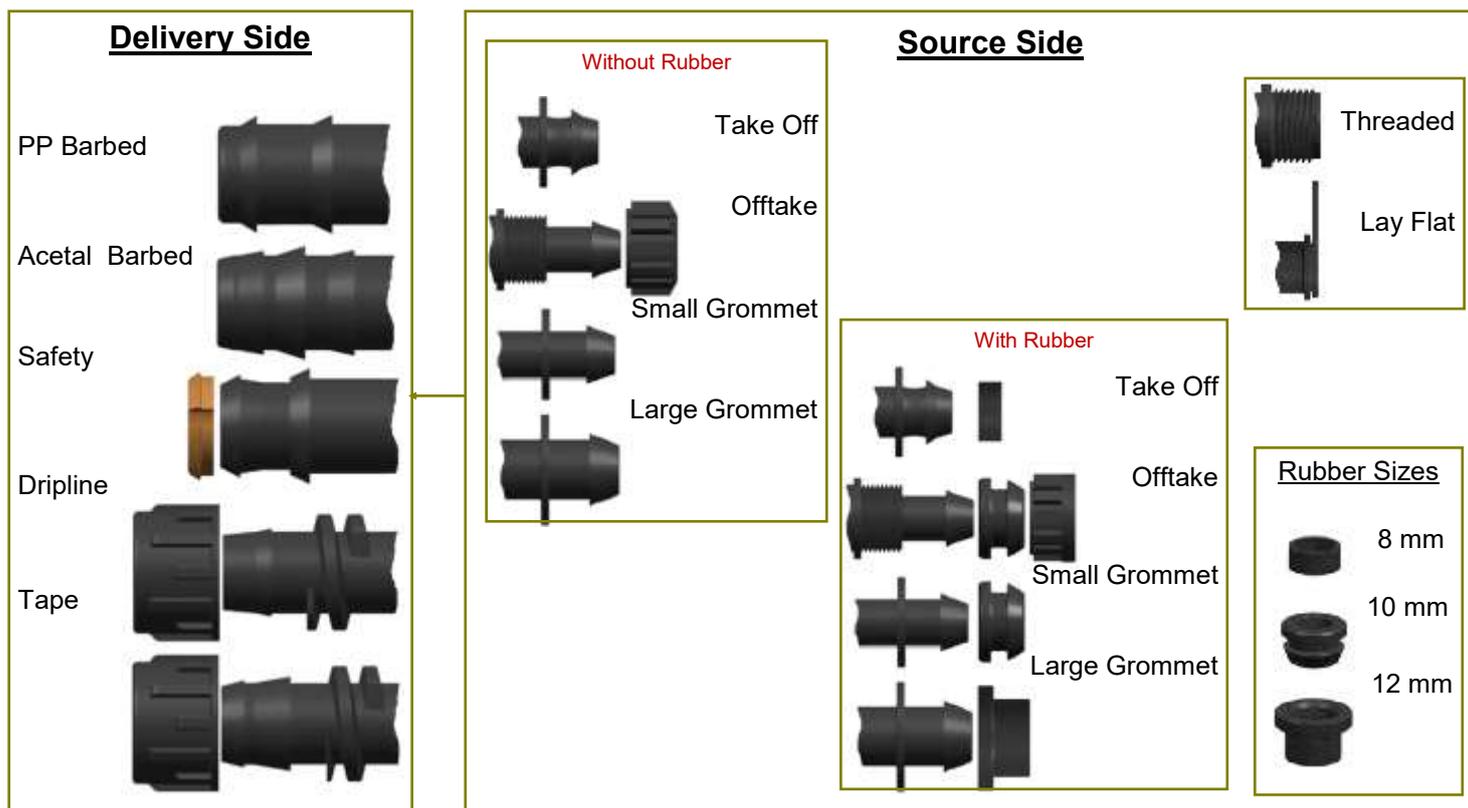
\* For other working temperatures please refer to the company

**Materials:** Polyacetal or Polypropylene copolymer PP-B

The fittings are suitable for use in potable water supply systems

The fittings are suitable for exposure to sunlight (UV) with excellent chemical resistance

### Products Configuration:



# Light-Weight Fittings

## Barbed

No. **661**  
**Coupling**

Barbed



Code	Size	Bag	Box
661001616	16		1500 S
661001717	17		1500 S
661002020	20		1000 S
661002525	25		800 S
661003232	32		700 S
661071616	16 Brown		1500 S
661071717	17 Brown		1500 S

No. **662**  
**Elbow**

Barbed



Code	Size	Bag	Box
662001616	16		1200 S
662002020	20		1000 S
662002525	25		500 S
662003232	32		500 S
662071616	16 Brown		1500 S
662071717	17 Brown		1500 S

No. **663A**  
**Tee Reducing**

Barbed



Code	Size	Bag	Box
663A01620	16 x 20 x 16		800 S
663A02016	20 x 16 x 20		600 S
663A02516	25 x 16 x 25		400 S
663A02520	25 x 20 x 25		300 S

No. **663**  
**Tee**

Barbed



Code	Size	Bag	Box
663001616	16		800 S
663002020	20		600 S
663002525	25		300 S
663071616	16 Brown		800 S
663071717	17 Brown		800 S

No. **660B**  
**End Plug**

Barbed



Code	Size	Bag	Box
660B00016	16		2700 S
660B00020	20		2000 S
660B00025	25		S

No. **661A**  
**Coupling Reducing**

Barbed



Code	Size	Bag	Box
661A02016	20 x 16		1500 S
661A02516	25 x 16		1000 S
661A02520	25 x 20		1000 S

No. **662A**  
**Elbow Male**

Barbed



Code	Size	Bag	Box
662A01601	16 x 1/2"		1200 S
662A01602	16 x 3/4"		1000 S
662A02001	20 x 1/2"		1000 S
662A02002	20 x 3/4"		800 S

No. **660C**  
**End Plug Flushing**

Barbed



Code	Size	Bag	Box
660C01602	16 x 3/4"		1000 S
660C02002	20 x 3/4"		1000 S
660C02502	25 x 3/4"		750 S
660C03202	32 x 3/4"		500 S

Barbed  
No. **Adaptor Male**  
**660**



Code	Size	Bag	Box
660001601	16 x 1/2"		1800 S
660001602	16 x 3/4"		1000 S
660002001	20 x 1/2"		1250 S
660002002	20 x 3/4"		1000 S
660002502	25 x 3/4"		800 S
660003202	32 x 3/4"		800 S

Barbed  
No. **Tee Male**  
**664**



Code	Size	Bag	Box
664001601	16 x 1/2" x 16		600 S
664001602	16 x 3/4" x 16		600 S
664001622	16 x 1/4" x 16		800 S
664002001	20 x 1/2" x 20		500 S
664002002	20 x 3/4" x 20		500 S
664002502	25 x 3/4" x 25		375 S
664002503	25 x 1" x 25		350 S

Barbed  
No. **Gromet without Rubber**  
**667A**



Code	Size	Bag	Box
667A00816	8 • 16		2000 S
667A00820	8 • 20		1500 S
667A01216	12 • 16		1400 S
667A01220	12 • 20		1500 S

Barbed  
No. **Gromet with Rubber**  
**667**



Code	Size	Bag	Box
667000816	8 • 16		2000 S
667000820	8 • 20		1500 S
667001216	12 • 16		1400 S
667001220	12 • 20		1500 S

Barbed  
No. **Take Off**  
**665A**



Code	Size	Bag	Box
665A01016	10 • 16		3000 S
665A01020	10 • 20		1500 S

Barbed  
No. **Take Off with Rubber**  
**665**



Code	Size	Bag	Box
665001016	10 • 16		2500 S
665001020	10 • 20		2500 S

Barbed  
No. **Offtake**  
**668**



Code	Size	Bag	Box
668000016	8 • 16		1000 S
668000020	8 • 20		1000 S

Barbed  
No. **Offtake with Rubber**  
**668A**



Code	Size	Bag	Box
668A00016	8 • 16		1000 S
668A00020	8 • 20		800 S

# Light-Weight Fittings

## Barbed

No. **666A**  
**Multi Outlets x 1" Female**

Barbed



Code	Size	Bag	Box
666A30316	3 - 1" x 16		600 S
666A30320	3 - 1" x 20		400 S
666A30416	4 - 1" x 16		250 S
666A30420	4 - 1" x 20		250 S
666A30616	6 - 1" x 16		350 S
666A30620	6 - 1" x 20		300 S
666A3X416	4 x - 1" x 16		300 S
666A3X420	4 x - 1" x 20		300 S

No. **666**  
**Multi Outlets x 3/4" Male**

Barbed



Code	Size	Bag	Box
666020216	2 - 3/4" x 16		400 S
666020220	2 - 3/4" x 20		300 S
666020316	3 - 3/4" x 16		300 S
666020320	3 - 3/4" x 20		250 S

No. **548**  
**Double Ring**



Code	Size	Bag	Box
548000016	16		2000 S
548000020	20		1600 S
548000025	25		1000 S

No. **816**  
**Clip**



Code	Size	Bag	Box
816000016	16		5000 S
816000020	20		3000 S



No. **640**  
Safety  
**Adaptor Male**



Code	Size	Bag	Box
640001601	16 x 1/2"		1750 S
640001602	16 x 3/4"		1200 S
640002001	20 x 1/2"		1300 S
640002002	20 x 3/4"		1100 S

No. **642A**  
Safety  
**Elbow Male**



Code	Size	Bag	Box
642A01601	16 x 1/2"		1000 S
642A01602	16 x 3/4"		1200 S
642A02001	20 x 1/2"		1000 S
642A02002	20 x 3/4"		1000 S

No. **644**  
Safety  
**Tee Male**



Code	Size	Bag	Box
644001601	16 x 1/2" x 16		1500 S
644001602	16 x 3/4" x 16		600 S
644002001	20 x 1/2" x 20		1000 S
644002002	20 x 3/4" x 20		500 S

No. **641**  
Safety  
**Coupling**



Code	Size	Bag	Box
641001616	16		2000 S
641002020	20		1250 S

No. **643A**  
Safety  
**Tee Reducing**



Code	Size	Bag	Box
643A01620	16 x 20 x 16		1000 S
643A02016	20 x 16 x 20		1000 S

No. **643**  
Safety  
**Tee**



Code	Size	Bag	Box
643001616	16		800 S
643002020	20		600 S

No. **649**  
Safety  
**Offtake**



Code	Size	Bag	Box
649000016	8 • 16		2500 S
649000020	8 • 20		2500 S

No. **649A**  
Safety  
**Offtake with Rubber**



Code	Size	Bag	Box
649A00016	8 • 16		1250 S
649A00020	8 • 20		1700 S

# Light-Weight Fittings

for Tapes

No. **691**  
**Coupling**

for Tapes



Code	Size	Bag	Box
691001717	17 x 17		600 S
691002222	22 x 22		400 S

No. **690B**  
**End Plug**

for Tapes



Code	Size	Bag	Box
690B00017	17		900 S
690B00022	22		600 S

No. **693**  
**Tee**

for Tapes



Code	Size	Bag	Box
693001717	17 x 17 x 17		700 S
693002222	22 x 22 x 22		400 S

No. **690**  
**Adaptor Barbed**

for Tapes



Code	Size	Bag	Box
690001617	16 x 17		750 S
690002017	20 x 17		650 S
690002022	20 x 22		450 S

No. **690**  
**Adaptor Male**

for Tapes



Code	Size	Bag	Box
690001710	17 x 3/8"		750 S
690001701	17 x 1/2"		1000 S
690001702	17 x 3/4"		750 S
690002210	22 x 3/8"		500 S
690002202	22 x 3/4"		500 S

No. **694**  
**Tee Male**

for Tapes



Code	Size	Bag	Box
694001701	17 x 1/2" x 17		400 S
694001702	17 x 3/4" x 17		700 S
694002201	22 x 1/2" x 22		750 S
694002202	22 x 3/4" x 22		750 S

No. **692A**  
**Elbow Male**

for Tapes



Code	Size	Bag	Box
692A01701	17 x 1/2"		500 S
692A01702	17 x 3/4"		500 S

# Light-Weight Fittings

D

for Tapes -

No. **699**  
for Tapes  
**Offtake**



Code	Size	Bag	Box
699000017	8 • 17		800 S
699000022	8 • 22		500 S

No. **699A**  
for Tapes  
**Offtake with Rubber**



Code	Size	Bag	Box
699A00017	8 • 17		700 S
699A00022	8 • 22		1000 S

No. **697A**  
for Tapes  
**Gromet**



Code	Size	Bag	Box
697A00817	8 • 17		1500 S
697A00822	8 • 22		750 S

No. **697**  
for Tapes  
**Gromet with Rubber**



Code	Size	Bag	Box
697000817	8 • 17		1500 S
697001217	12 • 17		1000 S
697001222	12 • 22		600 S

No. **696A**  
for Tapes  
**Multi Outlets x 1" Female**



Code	Size	Bag	Box
696A30217	2 - 1" x 17		250 S
696A30317	3 - 1" x 17		200 S
696A30417	4 - 1" x 17		150 S
696A30617	6 - 1" x 17		200 S

No. **695**  
for Tapes  
**Take Off**



Code	Size	Bag	Box
695000017	10 • 17		1000 S
695000022	10 • 22		400 S

No. **576**  
Layflat  
**Layflat Starter Female**



Code	Size	Bag	Box
576000001	1/2"		500 S
576000002	3/4"		1000 S

No. **576T**  
Layflat  
**Layflat Starter**



Code	Size	Bag	Box
576T00017	17		1 S
576T00022	22		1 S

# Light-Weight Fittings

## for Driplines

No. **681**  
for Driplines  
**Coupling**



Code	Size	Bag	Box
681001616	16 x 16		650 S
681002020	20 x 20		400 S

No. **680B**  
for Driplines  
**End Plug**



Code	Size	Bag	Box
680B00016	16		1000 S
680B00020	20		500 S

No. **682**  
for Driplines  
**Elbow**



Code	Size	Bag	Box
682001616	16 x 16		
682002020	20 x 20		

No. **683**  
for Driplines  
**Tee**



Code	Size	Bag	Box
683001616	16 x 16 x 16		
683002020	20 x 20 x 20		

No. **680**  
for Driplines  
**Adaptor Barbed**



Code	Size	Bag	Box
680001616	16 x 16D		900 S
680002016	20 x 16D		750 S
680002020	20 x 20D		500 S

No. **680**  
for Driplines  
**Adaptor Male**



Code	Size	Bag	Box
680001601	16 x 1/2"		950 S
680001602	16 x 3/4"		600 S
680002001	20 x 1/2"		650 S
680002002	20 x 3/4"		650 S

No. **682A**  
for Driplines  
**Elbow Male**



Code	Size	Bag	Box
682A01601	16 x 1/2"		750 S
682A01602	16 x 3/4"		750 S
682A02001	20 x 1/2"		500 S
682A02002	20 x 3/4"		500 S

No. **684**  
for Driplines  
**Tee Male**



Code	Size	Bag	Box
684001601	16 x 1/2" x 16		
684001602	16 x 3/4" x 16		
684002001	20 x 1/2" x 20		
684002002	20 x 3/4" x 20		

# Light-Weight Fittings



for Driplines-

for Driplines

No. **689**  
**Offtake**



Code	Size	Bag	Box
689000016	8 • 16		750 S
689000020	8 • 20		500 S

for Driplines

No. **689A**  
**Offtake with Rubber**



Code	Size	Bag	Box
689A00016	8 • 16		700 S
689A00020	8 • 20		500 S

for Driplines

No. **687A**  
**Gromet**



Code	Size	Bag	Box
687A00816	8 • 16		1000 S
687A00820	8 • 20		500 S
687A01216	12 • 16		2000 S
687A01220	12 • 20		525 S

for Driplines

No. **687**  
**Gromet with Rubber**



Code	Size	Bag	Box
687000816	8 • 16		2000 S
687000820	8 • 20		1000 S

for Driplines

No. **576D**  
**Layflat Starter**



Code	Size	Bag	Box
576D00016	10 - 16		1 S
576D00020	10 - 20		1 S

for Driplines

No. **685**  
**Take Off**



Code	Size	Bag	Box
685000016	10 • 16		
685000020	10 • 20		

Layflat

No. **576**  
**Layflat Starter Female**



Code	Size	Bag	Box
576000001	½"		500 S
576000002	¾"		1000 S

for Driplines

No. **686A**  
**Multi Outlets x 1" Female**



Code	Size	Bag	Box
686A30316	3 - 1" x 16		300 S
686A30320	3 - 1" x 20		400 S
686A30416	4 - 1" x 16		300 S
686A30420	4 - 1" x 20		400 S
686A30616	6 - 1" x 16		600 S
686A30620	6 - 1" x 20		400 S

# Light-Weight Fittings

Heavy Duty for Pipes & Driplines



for Driplines  
No. **Coupling**  
**761**



Code	Size	Bag	Box
761001616	16 x 16		
761002020	20 x 20		

for Driplines  
No. **End Plug**  
**760B**



Code	Size	Bag	Box
760B00016	16		
760B00020	20		

for Driplines  
No. **Elbow**  
**762**



Code	Size	Bag	Box
762001616	16 x 16		
762002020	20 x 20		

for Driplines  
No. **Tee Increasing**  
**763B**



Code	Size	Bag	Box
763B01620	16 x 20 x 16		
763B02016	20 x 16 x 20		

for Driplines  
No. **Tee Male**  
**764**



Code	Size	Bag	Box
764001601	16 x 1/2" x 16		
764001602	16 x 3/4" x 16		
764002001	20 x 1/2" x 20		
764002002	20 x 3/4" x 20		

for Driplines  
No. **Tee**  
**763**



Code	Size	Bag	Box
763001616	16 x 16 x 16		
763002020	20 x 20 x 20		

for Driplines  
No. **Adaptor Male**  
**760**



Code	Size	Bag	Box
760001601	16 x 1/2"		
760001602	16 x 3/4"		
760002001	20 x 1/2"		
760002002	20 x 3/4"		

for Driplines  
No. **Elbow Male**  
**762A**



Code	Size	Bag	Box
762A01601	16 x 1/2"		
762A01602	16 x 3/4"		
762A02001	20 x 1/2"		
762A02002	20 x 3/4"		



Tools

No. **Layflat Cutter**  
578



Code	Size	Bag	Box
578000016	16		1

Tools

No. **Insertion Tool for Layflat Starter**  
578K



Code	Size	Bag	Box
578K00010			1 S



Rubbers

No. **Rubber**  
P766



Code	Size	Bag	Box
P766A00008	8		1500 S
P665000010	10		1000 S
P766A00012	12		750 S





*Streaming Water. Streaming Life!*



# **Valves - Mini-Valves & More**

**Valves - Mini-Valves & More**

**Valves - Mini-Valves & More**



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

Elysée offers a complete range of Stop-Cock valves for sizes 20, 25 & 32 mm designed for conveyance of fluids and developed for water utilities, plumbing, agricultural and irrigation applications, characterized as a reliable and versatile valve.

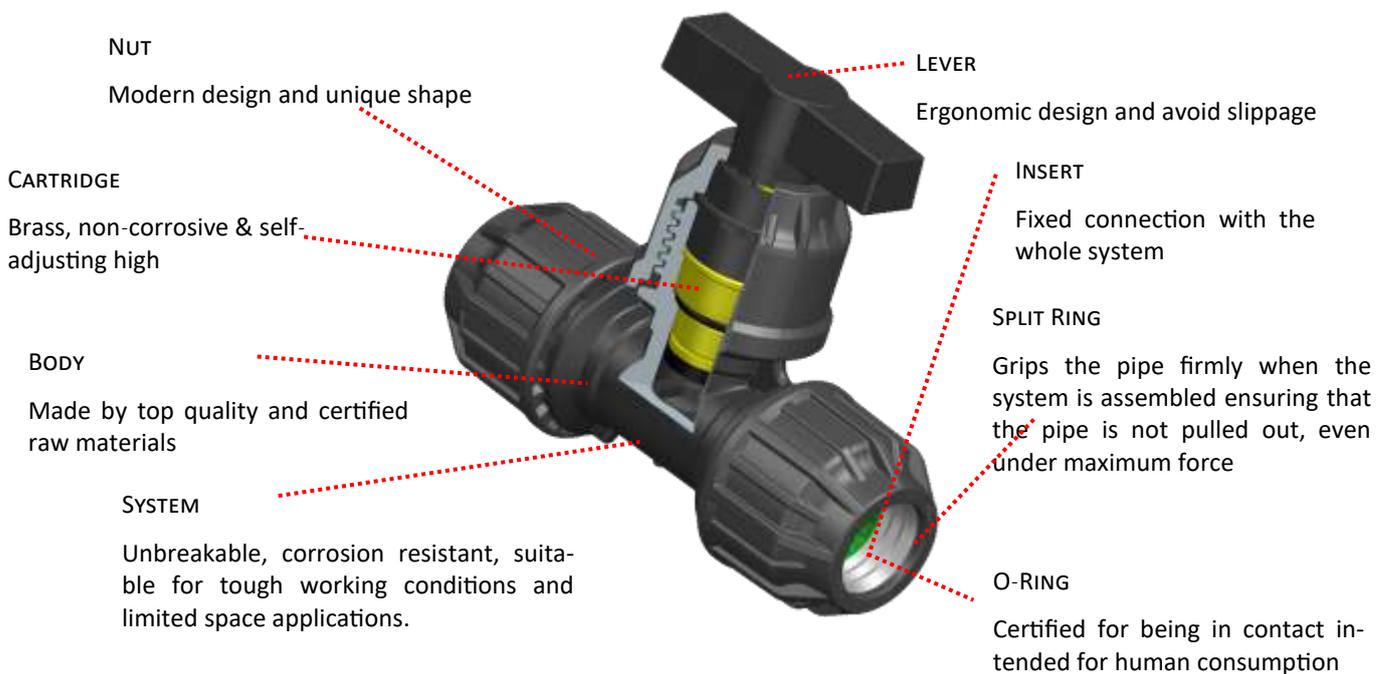
Our Stop-Cock valve comply with all relevant international standards in terms of dimensions and mechanical properties.

They are also ideal for the conveyance of potable water and fluids for human consumption, since they are produced in accordance with national and international standards and regulations for health and safety.

To ensure that all requirements of standards and regulations are fulfilled, our valves are tested regularly and approved worldwide by the main testing institutes and certification bodies.

#### ADVANCED DESIGN

This new range of valves is following a modern ergonomic design with clear "family" feel to the existing range of ELYSÉE fittings. The Stop-Cocks were designated as user friendly, meant to make the job easier to professionals and/or individuals.



#### FEATURES

- Complete Range of fittings from 20 mm up to 32 mm
- Mechanism can't be dismantled during operation
- Excellent flow characteristics
- Sensible pressure drop to the minimum
- Provides excellent flow control due to fine-tuning cartridge
- Keeps water hammering to minimum
- Conforms to hygiene and sanitary requirements
- Severe outdoor conditions with extensive lifespan
- Use of top-class raw materials for better pressure resistance
- No loose component employing no-pull-out insert
- Ease of handling with ergonomic design of nut
- Proven leak-free secured system

#### CERTIFICATES



WRAS

Potable Water

**QUALITY MANAGEMENT**

ELYSÉE quality system, ISO 9001:2008, is approved by CCC and IQNet. To ensure that all requirements of standards and regulations are fulfilled, our fittings are tested regularly and approved worldwide by the main testing institutes and certification bodies.

**ABRASION RESISTANCE**

The ball valves are suitable for the transportation of abrasive slurries and will withstand normal conditions found in urban, mining, industrial, rural water and waste water systems.

**EFFECT ON WATER**

ELYSÉE ball valves are fully conform to international hygiene and sanitary requirements specified by WRAS and standards such as BS6920 (UK).

**STANDARDS****PP ball valves**

EN 12201-3 & ISO 17885

**PVC-U ball valves**

British Standards. Fittings (inch) EN 1452-3, BS 4346

Fittings (metric) DIN 8063, KIWA 54, UNI 7442/75

Threaded Fittings BS21, DIN 2999, ISO 7/1

Solvent Cement BS EN 6920, BS4346 Part 3, WRAS Approved Valves EN 1452 Part 3 Din 2999 ISO 7/1

**CHEMICAL RESISTANCE**

The chemical resistance properties of PP & PVC-U are excellent. It is resistant to most solutions of acids, alkalis, salts and to solvents that can be mixed with water.

**OPERATING PRESSURE**

**PP ball valves** are suitable for working pressures up to 10 bars @ 20°C.

**PVC-U ball valves** are suitable for working pressures as follows:



<i>Product</i>	<i>Size</i>	<i>Pressure (bar)</i>
Fittings Solvent Cement	½" - 4"	15
Fittings Threaded	½" - 4"	10
Valves	½" - 2"	16
Valves	2 ½" - 3"	10

**WEATHERING**

ELYSÉE ball valves offer excellent weathering properties which protects against degradation due to ultra-violet radiation. Therefore, their use is permissible on exposed systems without additional protection.

## PVC Ball Valves

Ball Valves (PVC)

No. **Double Union Glued**  
**108F**



Code	Size	Bag	Box
108F00020	25		40 S
108F00025	25		40 S
108F00032	32		40 S
108F00040	40		16 S
108F00050	50		16 S
108F00063	63		10 S
108F00075	75		4 S
108F00090	90		3 S
108F00110	110		3 S

Ball Valves (PVC)

No. **Single Union Glued**  
**108G**



Code	Size	Bag	Box
108G00020	25		50 S
108G00025	25		50 S
108G00032	32		50 S
108G00040	40		20 S
108G00050	50		20 S
108G00063	63		12 S
108G00075	75		4 S
108G00090	90		3 S
108G00110	110		3 S

Ball Valves (PVC)

No. **Double Union Threaded Female - Female**  
**109T**



Code	Size	Bag	Box
109T00202	¾"		40 S
109T00303	1"		40 S
109T00404	1¼"		16 S
109T00505	1½"		16 S
109T00606	2"		10 S
109T00707	2½"		4 S
109T00808	3"		3 S

Ball Valves (PVC)

No. **Single Union Threaded Female - Female**  
**108T**



Code	Size	Bag	Box
108T00202	¾"		50 S
108T00303	1"		50 S
108T00404	1¼"		20 S
108T00505	1½"		20 S
108T00606	2"		12 S
108T00707	2½"		4 S
108T00808	3"		3 S

Ball Valves (PVC)

No. **Single Union Threaded Male - Female**  
**108M**



Code	Size	Bag	Box
108M00101	½"		45 S
108M00202	¾"		50 S
108M00303	1"		50 S
108M00404	1¼"		20 S
108M00505	1½"		20 S
108M00606	2"		10 S

## PP Ball Valves & Stop Tap-

No. **105C**  
**Spring Check Valve with Compression Caps**

Check Valves (PP)



Code	Size	Bag	Box
105C00016	16		S
105C00020	20		120 S
105C00025	25		80 S
105C00032	32		50 S
105C00040	40		18 S
105C00050	50		15 S
105C00063	63		8 S

No. **104C**  
**Double Union with Compression Caps**

Ball Valves (PP)



Code	Size	Bag	Box
104C00020	20		60 S
104C00025	25		40 S
104C00032	32		40 S
104C00040	40		16 S
104C00050	50		15 S
104C00063	63		8 S
104C00075	75		6 S
104C00090	90		4 S

No. **103M**  
**Single Union Male Thread with Compression Cap**

Ball Valves (PP)



Code	Size	Bag	Box
103M02001	20 x 1/2"		120 S
103M02002	20 x 3/4"		130 S
103M02502	25 x 3/4"		60 S
103M03203	32 x 1"		50 S
103M04004	40 x 1 1/4"		20 S
103M05005	50 x 1 1/2"		20 S
103M06306	63 x 2"		12 S

No. **103F**  
**Single Union Female Thread with Compression Cap**

Ball Valves (PP)



Code	Size	Bag	Box
103F02001	20 x 1/2"		130 S
103F02002	20 x 3/4"		120 S
103F02502	25 x 3/4"		50 S
103F03203	32 x 1"		50 S
103F04004	40 x 1 1/4"		20 S
103F05005	50 x 1 1/2"		20 S
103F06306	63 x 2"		12 S

No. **103**  
**Single Union Threaded Female - Female**

Ball Valves AG (PP)



Code	Size	Bag	Box
103P00202	3/4" - PP		150 L
103P00303	1" - PP		150 L
103000202	3/4" - ABS		150 L
103000303	1" - ABS		150 L

No. **103S**  
**STOP Tap with Compression Caps**

STOP Tap



Code	Size	Bag	Box
103SC0020	20 x 20		150 L
103SC0025	25 x 25		120 L
103SC0032	32 x 32		100 L



*Streaming Water. Streaming Life!*



# **Valves - Mini-Valves & More**

**Valves - Mini-Valves & More**

**Valves - Mini-Valves & More**

**Mini Valves** (various configurations)



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

# MINI VALVES

## INTRODUCTION

Complete range of mini valves with a large variety of configurations combining between threaded, barbed, safety, lock, grommet, take off, offtake, dripline, tape, tap, etc. The products are light-weight, easy to install and suitable for exposure to sunlight (UV) with excellent chemical resistance.

Mini Valves comply with relevant international standards in terms of dimensions and mechanical properties. To ensure that all requirements of standards and regulations are fulfilled, mini valves are tested regularly and through company's testing procedures.

## WHY ELYSEE MINI VALVES (PRODUCT SPECIFICATIONS)

### FEATURES

**PATENTED**

#### HANDLE

Ergonomic design that provides effortless performance.

#### BODY

Strong structure for bending resistance and a smooth inside surface.



- Mechanism cannot be disassembled during operation
- Outdoor resistant with extensive life span
- Robust design with ease of handling and operation
- Body ribbed for strong bending
- A quarter turn from ON/OFF position
- Only two parts assembly
- Solid, one-piece handle
- Excellent flow characteristics
- Light-weight & easy to install
- Use of top-class raw materials

## MATERIALS AND COMPONENTS

The main purpose of the body is the guidance of fluids through the passage and to support a variety of configurations necessary of any possible application.

### 1. HANDLE:

Handle is produced as one-piece technology ensures leak tightness between the handle and the main body.

1.1 Valve Core: **Polypropylene Copolymer (PP)**

1.2 Sealing Sleeve: **Thermoplastic Elastomer (TPE)**

### 2. BODY: **Polyoxymethylene (POM)**

Body material ensure optimum strength and leak tightness under severe environment conditions.



## PATENTS

EU patented and WIPO has been filed.



EP3183482B1



WO2016027150A1

The Mini Valve is patented under European Patent Office\_EP3183482B1. The mini valve has an open-close mechanism with a valve handle that is an extension of the valve core molded together as one part, and a locking mechanism adapted to lock on the



# Valves

## Mini-Valves Configurations (Threaded - Barbed)



Mini Valves  
No. **120G** Threaded Male x Tap Adaptor



Code	Size	Bag	Box
120G00110	1/2" • 10		400 S
120G00210	3/4" • 10		250 S

Mini Valves  
No. **121B** Barbed



Code	Size	Bag	Box
121B01616	16 x 16		500 S
121B02020	20 x 20		400 S
121B02525	25 x 25		300 S

Mini Valves  
No. **120** Threaded Male



Code	Size	Bag	Box
120000101	1/2" x 1/2"		400 S
120000201	3/4" x 1/2"		400 S
120000202	3/4" x 3/4"		300 S
120000303	1" x 1"		200 S

Mini Valves  
No. **120B** Threaded Male x Barb



Code	Size	Bag	Box
120B00116	1/2" x 16		400 S
120B00120	1/2" x 20		400 S
120B00216	3/4" x 16		400 S
120B00220	3/4" x 20		400 S
120B00225	3/4" x 25		300 S
120B00325	1" x 25		300 S

Mini Valves  
No. **128B** Offtake



Code	Size	Bag	Box
128B00816	8 • 16		400 S
128B00820	8 • 20		300 S

Mini Valves  
No. **129B** Offtake with Rubber



Code	Size	Bag	Box
129B00816	8 • 16		400 S
129B00820	8 • 20		300 S

Mini Valves  
No. **125B** Take Off Barbed with Rubber



Code	Size	Bag	Box
125B01016	10 • 16		400 S
125B01020	10 • 20		300 S

Mini Valves  
No. **127B** Gromet with Rubber



Code	Size	Bag	Box
127B00816	8 • 16		400 S
127B00820	8 • 20		400 S



## Mini-Valves Configurations (Safety - Lock)

Mini Valves  
No. **120S** Threaded Male x Safety



Code	Size	Bag	Box
120S00116	½" x 16		500 S
120S00120	½" x 20		400 S
120S00216	¾" x 16		300 S
120S00220	¾" x 20		300 S

Mini Valves  
No. **125S** Take Off with Rubber x Safety



Code	Size	Bag	Box
125S01016	10 • 16		500 S
125S01020	10 • 20		300 S

Mini Valves  
No. **127S** Gromet with Rubber x Safety



Code	Size	Bag	Box
127S00816	8 • 16		300 S
127S00820	8 • 20		300 S

Mini Valves  
No. **128S** Offtake x Safety



Code	Size	Bag	Box
128S00816	8 • 16		400 S
128S00820	8 • 20		300 S

Mini Valves  
No. **129S** Offtake with Rubber x safety



Code	Size	Bag	Box
129S00816	8 • 16		400 S
129S00820	8 • 20		400 S

Mini Valves  
No. **121L** Barbed x Lock



Code	Size	Bag	Box
121L01616	16 x 16		200 S
121L02020	20 x 20		200 S
121L02525	25 x 25		100 S

Mini Valves  
No. **120L** Lock x Lock



Code	Size	Bag	Box
120L16016	16 x 16		175 S
120L20020	20 x 20		175 S
120L25025	25 x 25		120 S

Mini Valves  
No. **120L** Threaded Male x Lock



Code	Size	Bag	Box
120L00116	½" x 16		200 S
120L00120	½" x 20		200 S
120L00216	¾" x 16		200 S
120L00220	¾" x 20		200 S
120L00325	1" x 25		150 S

Mini Valves  
No. **128L** Offtake x Lock



Code	Size	Bag	Box
128L00816	8 • 16		200 S
128L00820	8 • 20		200 S

# Valves

## Mini-Valves Configurations (for Driplines)



Mini Valves  
No. **120D**  
**Threaded Male x Dripline**



Code	Size	Bag	Box
120D00116	½" x 16		400 S
120D00120	½" x 20		300 S
120D00216	¾" x 16		300 S
120D00220	¾" x 20		300 S

Mini Valves  
No. **122D**  
**Barbed x Dripline**



Code	Size	Bag	Box
122D01616	16 x 16		S
122D02016	20 x 16		S
122D02020	20 x 20		S

Mini Valves  
No. **125D**  
**Take Off with Rubber x Dripline**



Code	Size	Bag	Box
125D01016	10 • 16		400 S
125D01020	10 • 20		300 S

Mini Valves  
No. **127D**  
**Grommet with Rubber x Dripline**



Code	Size	Bag	Box
127D00816	8 • 16		400 S
127D00820	8 • 20		300 S

Mini Valves  
No. **128D**  
**Offtake x Dripline**



Code	Size	Bag	Box
128D00816	8 • 16		300 S
128D00820	8 • 20		300 S

Mini Valves  
No. **129D**  
**Offtake with Rubber x Dripline**



Code	Size	Bag	Box
129D00816	8 • 16		200 S
129D00820	8 • 20		200 S



## Mini-Valves Configurations (for Tapes)-

Mini Valves  
**No. 110T**  
**Threaded Male x Tape**



Code	Size	Bag	Box
110T01017	3/8" x 17		300 S
110T00117	1/2" x 17		300 S
110T00217	3/4" x 17		300 S

Mini Valves  
**No. 112T**  
**Barbed x Tape**



Code	Size	Bag	Box
112T01617	16 x 17		400 S
112T02017	20 x 17		300 S
112T02022	20 x 22		300 S

Mini Valves  
**No. 115T**  
**Take Off with Rubber x Tape**



Code	Size	Bag	Box
115T01017	10 • 17		400 S
115T01022	10 • 22		300 S

Mini Valves  
**No. 117T**  
**Gromet with Rubber x Tape**



Code	Size	Bag	Box
117T00817	8 • 17		300 S
117T00822	8 • 22		200 S

Mini Valves  
**No. 118T**  
**Offtake x Tape**



Code	Size	Bag	Box
118T00817	8 • 17		300 S

Mini Valves  
**No. 119T**  
**Offtake with Rubber x Tape**



Code	Size	Bag	Box
119T00817	8 • 17		300 S

Mini Valves  
**No. 111T**  
**Tape x Tape**



Code	Size	Bag	Box
111T01717	17 x 17		300 S
111T02222	22 x 22		200 S

## Garden Valves - Brass Valves & More

Various Valves

No. **191**  
**Quick Coupling (Garden) Valve**



Code	Size	Bag	Box
191000007	¾"		400
191000002	1"		400
191000006	¾" - Key		300

Air Valves

No. **961P**  
**Air Valve**



Code	Size	Bag	Box
961P00003	1"		30
961P00006	2"		20

Tap

No. **104**  
**Tap Valve**



Code	Size	Bag	Box
104000001	½"		30
104000002	¾"		20
104000003	1"		15
104001KEY	½" Key		

Various Valves

No. **106**  
**Ball Valve Threaded Male x Female**



Code	Size	Bag	Box
106000101	½"		150
106000202	¾"		100
106000303	1"		100
106000404	1¼"		80
106000505	1½"		80

Various Valves

No. **101**  
**Gate Valve Threaded Female**



Code	Size	Bag	Box
101000101	½"		100
101000202	¾"		100
101000303	1"		100
101000404	1¼"		70
101000505	1½"		70
101000606	2"		25
101000707	2½"		20
101000808	3"		10
101000909	4"		7

Various Valves

No. **102**  
**Ball Valve Threaded Female**



Code	Size	Bag	Box
102000101	½"		200
102000202	¾"		80
102000303	1"		100
102000404	1¼"		50
102000505	1½"		25
102000606	2"		20
102000707	2½"		10
102000808	3"		10
102000909	4"		5

Pressure Regulators

No. **107**  
**Pressure Regulator**



Code	Size	Bag	Box
107000202	¾"		
107000303	1"		
107000505	1½"		
107000606	2"		

## Check Valves & Water Meters

Check Valves

### No. **962** Spring Check Valve



Code	Size	Bag	Box
962000001	½"		
962000002	¾"		
962000003	1"		
962000004	1¼"		
962000005	1½"		
962000006	2"		
962000007	2½"		
962000008	3"		
962000009	4"		

Check Valves

### No. **962A** Screen Check Valve



Code	Size	Bag	Box
962A00001	½"		
962A00002	¾"		
962A00003	1"		
962A00004	1¼"		
962A00005	1½"		
962A00006	2"		
962A00007	2½"		
962A00008	3"		
962A00009	4"		

Screens

### No. **961** Screen



Code	Size	Bag	Box
961000001	½"		
961000002	¾"		
961000003	1"		
961000004	1¼"		
961000005	1½"		
961000006	2"		
961000007	2½"		
961000008	3"		
961000009	4"		

Check Valves

### No. **963** Gate Check Valve



Code	Size	Bag	Box
963000001	½"		
963000002	¾"		
963000003	1"		
963000004	1¼"		
963000005	1½"		
963000006	2"		
963000007	2½"		
963000008	3"		
963000009	4"		

Water Meters

### No. **414** Water Meters Threaded



Code	Size	Bag	Box
41400101C	½" - C - 3 m3/h		1
41400101I	½" - I - 3 m3/h		1
41400202C	¾" - C - 5 m3/h		1
41400202I	¾" - I - 5 m3/h		1
41400303C	1" - C - 5 m3/h		1
41400303I	1" - I - 5 m3/h		1
41400404C	1¼" - C - 10 m3/h		1
41400404I	1¼" - I - 10 m3/h		1
41400606C	2" - C - 40 m3/h		1
41400606I	2" - I - 40 m3/h		1

Water Meters

### No. **415** Water Meters Flanged



Code	Size	Bag	Box
41500606C	2" - C - 30 m3/h		1
41500707I	2½" - I - 60 m3/h		1
41500808I	3" - I - 80 m3/h		1
41500808C	3" - C - 80 m3/h		1
41500909I	4" - I - 80 m3/h		1
41500909C	4" - C - 80 m3/h		1



*Streaming Water. Streaming Life!*



# **Filters & Dozers**

## **Filters & Dozers**

**Filters & Dozers**



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

# Filters & Dozers

## Plastic Screen Filters

No.  
441

Plastic Filters

### Screen Filters No. 1



Code	Size	Bag	Box
441002080	¾" - 80		50 L
441002120	¾" - 120		50 L
441002150	¾" - 150		50 L
441003080	1" - 80		50 L
441003120	1" - 120		50 L
441003150	1" - 150		50 L

No.  
442

Plastic Filters

### Screen Filters No. 2



Code	Size	Bag	Box
442002080	¾" - 80		50 L
442002080	¾" - 80		50 L
442002080	¾" - 80		50 L
442002080	¾" - 80		50 L
442002080	¾" - 80		50 L
442002080	¾" - 80		50 L

No.  
442

Plastic Filters

### Screen Filters No. 2



Code	Size	Bag	Box
442002080	¾" - 80		50 L
442002080	¾" - 80		50 L
442002080	¾" - 80		50 L
442002080	¾" - 80		50 L
442002080	¾" - 80		50 L
442002080	¾" - 80		50 L

No.  
442B

Plastic Filters

### Screen Filters with Plug No. 2



Code	Size	Bag	Box
442B02080	¾" - 80		50 L
442B02120	¾" - 120		50 L
442B02150	¾" - 150		50 L
442B03080	1" - 80		50 L
442B03120	1" - 120		50 L
442B03150	1" - 150		50 L

No.  
453

Plastic Filters

### Screen Filters No. 3



Code	Size	Bag	Box
453002060	¾" - 60		100 L
453002080	¾" - 80		100 L
453002120	¾" - 120		100 L
453002150	¾" - 150		100 L

No.  
454

Plastic Filters

### Screen Filters No. 4



Code	Size	Bag	Box
454003060	1" - 60		40 L
454003080	1" - 80		40 L
454003120	1" - 120		40 L
454003150	1" - 150		40 L



## Plastic Screen Filters -

Plastic Filters  
No. **453A** **Screen Filters with Mini Valve No. 3**



Code	Size	Bag	Box
453A02060	3/4" - 60		100 L
453A02080	3/4" - 80		100 L
453A02120	3/4" - 120		50 L

Plastic Filters  
No. **453B** **Screen Filters with Plug No. 3**



Code	Size	Bag	Box
453B02060	3/4" - 60		100 L
453B02080	3/4" - 80		100 L
453B02120	3/4" - 120		100 L

Plastic Filters  
No. **455** **Screen Filters No. 5**



Code	Size	Bag	Box
455004060	1 1/4" - 60		25 L
455004080	1 1/4" - 80		25 L
455004120	1 1/4" - 120		25 L
455005060	1 1/2" - 60		25 L
455005080	1 1/2" - 80		25 L
455005120	1 1/2" - 120		25 L

Plastic Filters  
No. **455A** **Screen Filters with Mini Valve No. 5**



Code	Size	Bag	Box
455A04060	1 1/4" - 60		25 L
455A04080	1 1/4" - 80		25 L
455A04120	1 1/4" - 120		25 L
455A05060	1 1/2" - 60		25 L
455A05080	1 1/2" - 80		25 L
455A05120	1 1/2" - 120		25 L

Plastic Filters  
No. **455B** **Screen Filters with Plug No. 5**



Code	Size	Bag	Box
455B04060	1 1/4" - 60		25 L
455B04080	1 1/4" - 80		25 L
455B04120	1 1/4" - 120		25 L
455B05060	1 1/2" - 60		25 L
455B05080	1 1/2" - 80		25 L
455B05120	1 1/2" - 120		25 L

Plastic Filters  
No. **552** **Screen Filters**



Code	Size	Bag	Box
552505120	1 1/2" - 120		10 L
552606120	2" - 120		10 L

## Plastic Screen Filters

Plastic Filters

No. **Disc Filters**  
**461 No. 1**



Code	Size	Bag	Box
461002080	3/4" - 80		40 L
461002120	3/4" - 120		50 L
461003080	1" - 80		40 L
461003120	1" - 120		75 L

Plastic Filters

No. **Disc Filters**  
**462 No. 2**



Code	Size	Bag	Box
462002080	3/4" - 80		50 L
462002120	3/4" - 120		50 L
462003080	1" - 80		50 L
462003120	1" - 120		50 L

Plastic Filters

No. **Disc Filters - Vertical**  
**410**



Code	Size	Bag	Box
410080606	2" - 80		1
410120606	2" - 120		1
410080808	3" - 80		1
410120808	3" - 120		1

Plastic Filters

No. **Disc Filter**  
**463**



Code	Size	Bag	Box
463505120	1 1/2" - 120		10 L
463606120	2" - 120		10 L



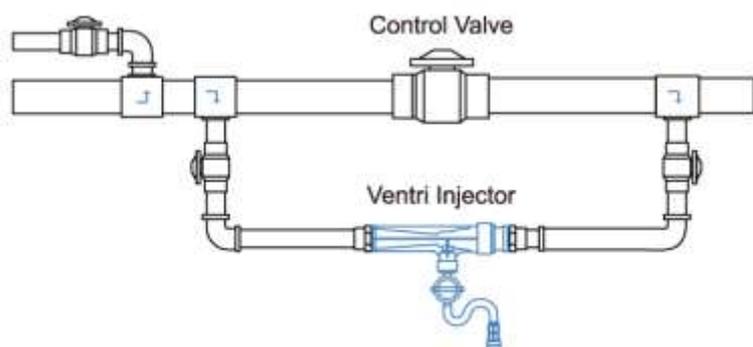
## Venturi Injectors & Spare Parts -

No. **Venturi Injector**  
**190B**

Injector



Code	Size	Bag	Box
190B00202	¾" - Body		175 S
190B00303	1" - Body		175 L
190BC0202	¾" - Complete Set		10 L
190BC0303	1" - Complete Set		10 L



No. **Screen Cartridges**  
**441S**

Spare Parts



Code	Size	Bag	Box
441S00080	No. 1 - 80	10	270 L
441S00120	No. 1 - 120	10	270 L
441S00150	No. 1 - 150	10	270 L
442S00080	No. 2 - 80	10	216 L
442S00120	No. 2 - 120	10	216 L
442S00150	No. 2 - 150	10	216 L
453S00060	No. 3 - 60	10	384 L
453S00080	No. 3 - 80	10	384 L
453S00120	No. 3 - 120	10	384 L
453S00150	No. 3 - 150	10	384 L
454S00060	No. 4 - 60	10	160 L
454S00080	No. 4 - 80	10	160 L
454S00120	No. 4 - 120	10	160 L
454S00150	No. 4 - 150	10	160 L
455S00060	No. 5 - 60	10	160 L
455S00080	No. 5 - 80	10	130 L
455S00120	No. 5 - 120	10	150 L

No. **Disc Cartridges**  
**461S**

Spare Parts



Code	Size	Bag	Box
461S00080	No. 1 - 80	10	1 L
461S00120	No. 1 - 120	10	1 L
462S00080	No. 2 - 80	10	1 L
462S00120	No. 2 - 120	10	1 L



*Streaming Water. Streaming Life!*



# **Micro Irrigation & Sprinklers**

## **Micro Irrigation & Sprinklers**

### **Micro Irrigation & Sprinklers**



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

# Micro Irrigation & Sprinklers

## Dripping & Labyrinth Stakes

No. **182**  
 Stakes for Micro-Irrigation  
**Labyrinth Stake**



Code	Size	Bag	Box
o 182LSSB01	1 LPH - Short (8 cm)	10.000	
o 182LSMB01	1 LPH - Medium (12 cm)	10.000	
o 182LSLB01	1 LPH - Long (16 cm)	10.000	
o 182LSSB02	2 LPH - Short (8 cm)	10.000	
o 182LSMB02	2 LPH - Medium (12 cm)	10.000	
o 182LSLB02	2 LPH - Long (16 cm)	10.000	

No. **182**  
 Stakes for Micro-Irrigation  
**Dripping Stake**



Code	Size	Bag	Box
o 182DSSB00	Short (8 cm)	10.000	
o 182DSMB00	Medium (12 cm)	10.000	
o 182DSL00	Long (16 cm)	10.000	

### Labyrinth Stakes

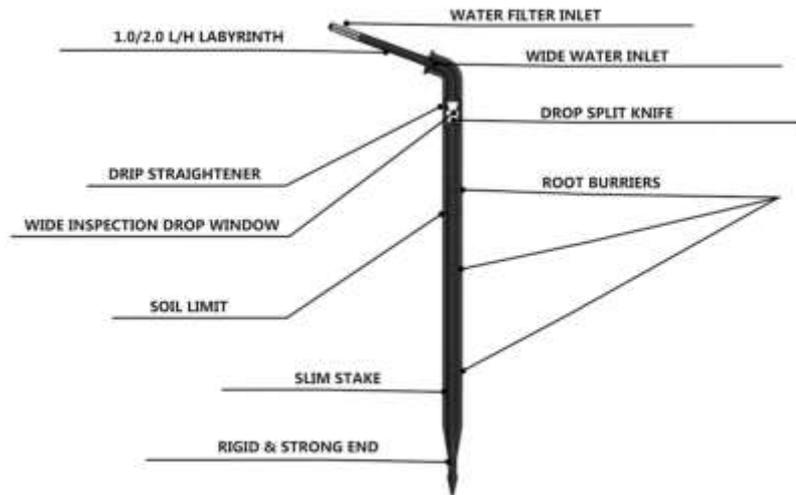
Available with two Flow Rates: 1 & 2 LPH

Available in different Lengths: **8 – 12 & 16 cm**

Recommended for using:

As Independent Dripper

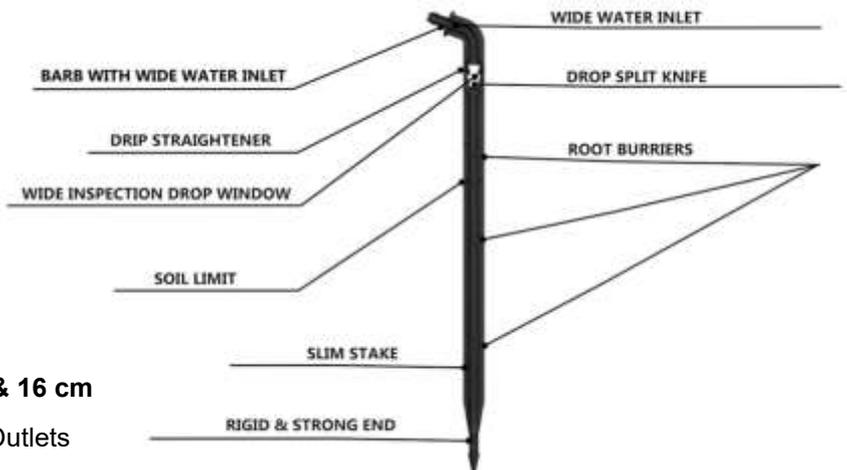
In Combination with button Drippers to maintain Constant Flow Rate in multiple Outlets



### Drop Guide Stakes

Available in different Lengths: **8 – 12 & 16 cm**

Recommended for using with Single Outlets



# Micro Irrigation & Sprinklers

## Pressure Compensated Emitters -

No. **Karavas Emitter On-Line P.C.**



	Code	Size	Bag	Box
o	182KC0002	2 LPH - Blue	100	2.500
o	182KC0004	4 LPH - Green	100	2.500
o	182KC0008	8 LPH - Red	100	2.500
o	182KC0024	24 LPH - Orange	100	2.500



- Cylindrical labyrinth with wide water passages. Color distinction for different flow rates
- Chemical-resistant silicon diaphragm
- Emitter cover with color distinction for Drain and Non-Drain function

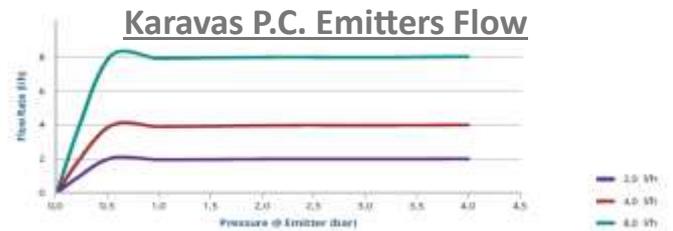
### Ultrasonic Welding Technology

Advanced welding process of Karavas PC prevented by a parallel formation and welding of the cover, around the edge of the body, making it impossible to leak regardless of the climatic or pressure conditions

No. **Karavas Emitter On-Line P.C.N.D.**



	Code	Size	Bag	Box
o	182KCND02	2 LPH - Blue	100	2.500
o	182KCND04	4 LPH - Green	100	2.500
o	182KCND08	8 LPH - Red	100	2.500



No. **Ledra On-Line P.C.**



	Code	Size	Bag	Box
o	182PC0002	2 - Blue		1.000
o	182PC0003	3 - Grey		1.000
o	182PC0004	4 - Black		1.000
o	182PC0008	8 - Brown		1.000
o	182PC0025	25 - Green		1.000

No. **Ledra Emitter On-Line P.C.N.D.**



	Code	Size	Bag	Box
o	182PCND02	2 - Blue		1.000
o	182PCND03	3 - Grey		1.000
o	182PCND04	4 - Black		1.000
o	182PCND08	8 - Brown		1.000

No. **SET of Labyrinth Stakes - Outlet and micro-tubes**



	Code	Size	Bag	Box
o	182SXYB50	2 x 50 cm		10.000
o	182SXYB60	2 x 60 cm		10.000
o	182SXYB80	2 x 80 cm		10.000
o	182SXYB50	2 x 50 cm		10.000
o	182SXYB60	2 x 60 cm		10.000
o	182SXYB80	2 x 80 cm		10.000

No. **Multi-Outlets & Set**



	Code	Size	Bag	Box
o	182ADA001	1-Way Outlet		10.000
o	182ADA002	2-Way Outlets Tee		10.000
o	182ADA004	4-Way Outlet Cross		10.000
o	182PC0CAP	Cap for Ledra 25 LPH		10.000

# Micro Irrigation & Sprinklers

## Drippers - Bubblers & Sprayers

Emitters - Sprayers & Bubblers

No. **555**  
**On-Line button**



Code	Size	Bag	Box
555000004	4 - Green	30.000	S
555000007	7 - Black	30.000	S
555000011	11 - Red	30.000	S
555A00000	Plug	10.000	

Emitters - Sprayers & Bubblers

No. **559**  
**On-Line Adjustable**



Code	Size	Bag	Box
559000040	0 - 70 - Standard		10.000
559B00040	0 - 70 - Flaps		10.000
559C00040	0 - 70 - Flaps & Colar		10.000
559D00100	0 - 100 - On Spike		800

Emitters - Sprayers & Bubblers

No. **567**  
**On-Line Standard**



Code	Size	Bag	Box
567000002	2 - Black		5.500
567000003	4 - Grey		5.500
567000004	8 - Blue		5.500
567000016	16 - Yellow		5.500



Emitters - Sprayers & Bubblers

No. **563**  
**On-Line Adjustable High Flow**



Code	Size	Bag	Box
563000140	0 - 140 - Violet	40.000	S
563000200	0 - 200 - Black	40.000	S

Emitters - Sprayers & Bubblers

No. **564**  
**Emitters High Flow On-Line Adjustable**



Code	Size	Bag	Box
564000140	0 - 140 - Yellow		10.000

Emitters - Sprayers & Bubblers

No. **910**  
**Bubbler Threaded**



Code	Size	Bag	Box
910000000	0 - 500	2.200	S

Emitters - Sprayers & Bubblers

No. **560**  
**Sprayer Single Piece**



Code	Size	Bag	Box
560000060	60 - 180°		1.000 S
560000090	90 - 180°		1.000 S
560000120	120 - 180°		1.000 S
560A00060	60 - 360°		1.000 S
560A00090	90 - 360°		1.000 S
560A00120	120 - 360°		1.000 S

## Mini Sprinklers & Sets -

Mini Sprinklers  
No. **902** **Mini Sprinklers Propeller Type**



Code	Size	Bag	Box
902000070	70 - Black		3.500
902000120	120 - Red		3.500
902000150	150 - Brown		3.500
902000200	200 - Green		3.500
902000300	300 - Blue		3.500

Mini Sprinklers  
No. **902** **Mini Sprinklers Propeller Type Complete Set**



Code	Size	Bag	Box
90208L070	70 - Black		200
90208L120	120 - Red		200
90208L150	150 - Brown		200
90208L200	200 - Green		200
90208L300	300 - Blue		200

Mini Sprinklers  
No. **907** **Mini Sprinklers Pin Type 1,5 meters**



Code	Size	Bag	Box
907000070	70 - Black		3.500
907000120	120 - Red		3.500
907000150	150 - Brown		3.500
907000200	200 - Green		3.500
907000300	300 - Blue		3.500

Mini Sprinklers  
No. **907** **Mini Sprinklers Pin Type 1,5 meters**



Code	Size	Bag	Box
90708L070	70 - Black		200
90708L120	120 - Red		200
90708L150	150 - Brown		200
90708L200	200 - Green		200
90708L300	300 - Blue		200

Mini Sprinklers  
No. **907** **Mini Sprinklers Pin Type 3,0 meters**



Code	Size	Bag	Box
907300070	70 - Black		3.500
907300120	120 - Red		3.500
907300150	150 - Brown		3.500
907300200	200 - Green		3.500
907300300	300 - Blue		3.500

Mini Sprinklers  
No. **907** **Mini Sprinklers Pin Type 3,0 meters**



Code	Size	Bag	Box
90738L070	70 - Black		200
90738L120	120 - Red		200
90738L150	150 - Brown		200
90738L200	200 - Green		200
90738L300	300 - Blue		200

# Micro Irrigation & Sprinklers

## Mini Sprinklers - Sets - Micro Tubes & Micro-fittings

No. **908**  
**Mini Sprinklers Spray Type**

Mini Sprinklers



Code	Size	Bag	Box
908000070	70 - Black		3.500
908000120	120 - Red		3.500
908000150	150 - Brown		3.500
908000200	200 - Green		3.500
908000300	300 - Blue		3.500

No. **908**  
**Mini Sprinklers Spray Type Complete Set**

Mini Sprinklers



Code	Size	Bag	Box
90808L070	70 - Black		200
90808L120	120 - Red		200
90808L150	150 - Brown		200
90808L200	200 - Green		200
90808L300	300 - Blue		200

No. **700**  
**Mini Sprinklers Needle Type**

Mini Sprinklers



Code	Size	Bag	Box
700000040	40 - Sky Blue		3.500
700000070	70 - Black		3.500
700000105	105 - Blue		3.500
700000120	120 - Red		3.500
700000150	150 - Brown		3.500
700000200	200 - Yellow		3.500

No. **700**  
**Mini Sprinklers Needle Type & Foothold**

Mini Sprinklers



Code	Size	Bag	Box
700911040	40 - Sky Blue		200
700911070	70 - Black		200
700911105	105 - Blue		200
700911120	120 - Red		200
700911150	150 - Brown		200
700911200	200 - Yellow		200

No. **903**  
**Mini-Tube Ø 7x5 mm with Connectors**

Mini Tubes Soft Hoses



Code	Size	Bag	Box
903000060	60		1.000
903000080	80		1.000
903000100	100		800
903000120	120		500
903000150	150		500
903000200	200		400

No. **904**  
**Wedges**

Accessories



Code	Size	Bag	Box
904000027	27		750
904000033	33		500
904000043	43		500

No. **912**  
**Mini Collar**

Accessories



Code	Size	Bag	Box
912000000	6 x 7		60.000

No. **909**  
**Wedges**

Accessories



Code	Size	Bag	Box
909000000	15		7.500

# Micro Irrigation & Sprinklers

## Micro-fittings & Accessories -

Accessories

No. **Connector M & F Black**  
**208**



Code	Size	Bag	Box
208000006	1/2" x 6		2.500
208000008	1/2" x 8		2.500
208A00008	1/2" x 8 Barbed		2.500

Accessories

No. **Kantal Black**  
**911**



Code	Size	Bag	Box
911000000	6		12.000

Accessories

No. **Repair Plug Red**  
**905**



Code	Size	Bag	Box
905000000	6		30.000

Accessories

No. **Plunger 901**



Code	Size	Bag	Box
901000001	1/2" x 6		10.000
901000003	1/2" x 8		10.000

Accessories

No. **Mini Nipple 915**



Code	Size	Bag	Box
915000000	6 x 6		45.000

Accessories

No. **Mini Collar Socket 915A**



Code	Size	Bag	Box
915A00000	6 x 6		60.000

Accessories

No. **Mini Connector Red 141**



Code	Size	Bag	Box
141000018	7 x 7		30.000

Accessories

No. **Check Valve for Mini Sprinklers Male x Female 962P**



Code	Size	Bag	Box
962P00606	6 x 6		10.000

Accessories

No. **Mini Tee Female 922**



Code	Size	Bag	Box
922000000	6 x 6 x 6		15.000

Accessories

No. **Mini Valve Male x Female 905A**



Code	Size	Bag	Box
905A00000	6 x 6		10.000

# Micro Irrigation & Sprinklers

## Ground Hooks & Tools

Accessories

No. **949**  
**Ground Hook Black**



Code	Size	Bag	Box
949151620	15 cm - Ø 16 - 20 mm		1.200
949301620	30 cm - Ø 16 - 20 mm		400

Accessories

No. **947**  
**Ground Hook Brown**



Code	Size	Bag	Box
947151620B	15 cm - Ø 16 - 20 mm		1.200
947301620B	30 cm - Ø 16 - 20 mm		400

Accessories

No. **950**  
**Wedges**



Code	Size	Bag	Box
950000000	½"		500



Tools

No. **906**  
**Puncher Grey for No. 555**



Code	Size	Bag	Box
906000000		375	1.500

Tools

No. **923**  
**Collar Mounting Tool Grey for No. 912**



Code	Size	Bag	Box
923000000		375	1.500

Tools

No. **569**  
**Mounting Tool for Code No. 555**



Code	Size	Bag	Box
569000000			1.500

Tools

No. **786**  
**Simple Puncher & Mounting Tool for Emitters**



Code	Size	Bag	Box
786003040			25

Tools

No. **787**  
**Puncher for Emitters**



Code	Size	Bag	Box
787001620	Ø 16 - 20		5
787002532	Ø 25 - 35		5

Tools

No. **781**  
**Collar Mounting Tool for No. 912**



Code	Size	Bag	Box
781007040	Ø 7		5

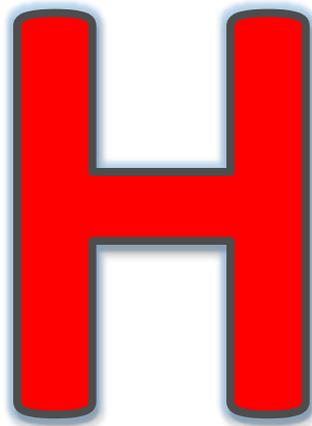
*Streaming Water. Streaming Life!*



**Turf**

Turf

Turf



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

## Manifolds & Swivel Fittings

Swivel Fittings

No. **525**  
**Manifold Swivel**  
**M. x F.**



Code	N° of Outlets x Size	Bag	Box
525020303	No. 2 x 1"		100
525030303	No. 3 x 1"		100
525040303	No. 4 x 1"		100

Swivel Fittings

No. **573**  
**Manifold M. x F.**



Code	Size	Bag	Box
573B00000	1"		100

Swivel Fittings

No. **520**  
**Adaptor Swivel F x M**



Code	Size	Bag	Box
520000303	1"		100

Swivel Fittings

No. **521**  
**Coupling Swivel F x F**



Code	Size	Bag	Box
521000303	1"		100

Swivel Fittings

No. **522**  
**Elbow Swivel M x F**



Code	Size	Bag	Box
522A00303	1"		100

Swivel Fittings

No. **522**  
**Elbow Swivel F x F**



Code	Size	Bag	Box
522000303	1"		100

Swivel Fittings

No. **524**  
**Tee Swivel M x F x F**



Code	Size	Bag	Box
524000303	1"		50

Swivel Fittings

No. **523**  
**Tee Swivel F x F x F**



Code	Size	Bag	Box
523000303	1"		50

Swivel Fittings

No. **525**  
**Tee Swivel M x M x F**



Code	Size	Bag	Box
525000303	1"		50

Swivel Fittings

No. **528**  
**Cross Swivel**  
**M x F x F x F**



Code	Size	Bag	Box
528003303	1"		50

Swivel Fittings

No. **527**  
**Cross Swivel**  
**F x F x F x F**



Code	Size	Bag	Box
527003303	1"		50

Valve Boxes

No. **212** **Valve Boxes Black with Green Lid**



Code	Size	Bag	Box
• 212000004	6" - Mini (Round)		792
• 212000001	10" - Large (Round)		441
• 212000002	12" - Standard		162
• 212000003	14" - Jumbo		72
• 212000007	20" - Super Jumbo		96

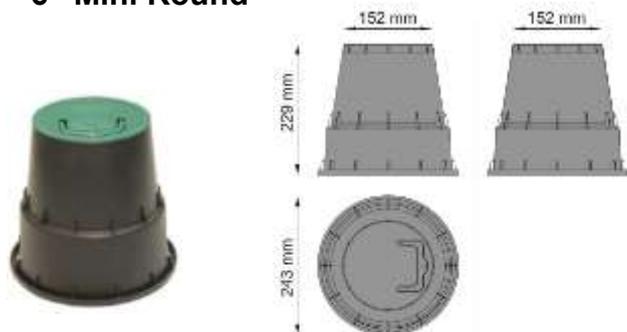
Valve Boxes

No. **212** **Valve Boxes Green with Green Lid**

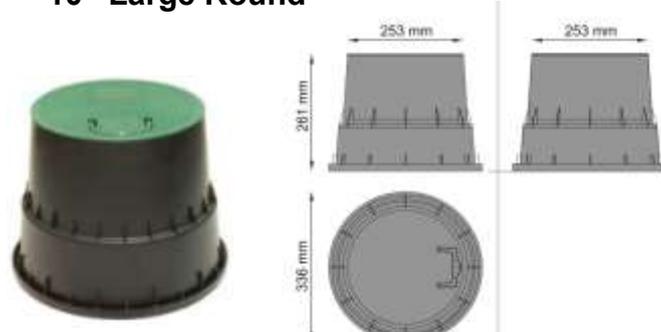


Code	Size	Bag	Box
• 212000004G	6" - Mini (Round)		792
• 212000001G	10" - Large (Round)		441
• 212000002G	12" - Standard		162
• 212000003G	14" - Jumbo		72
• 212000007G	20" - Super Jumbo		96

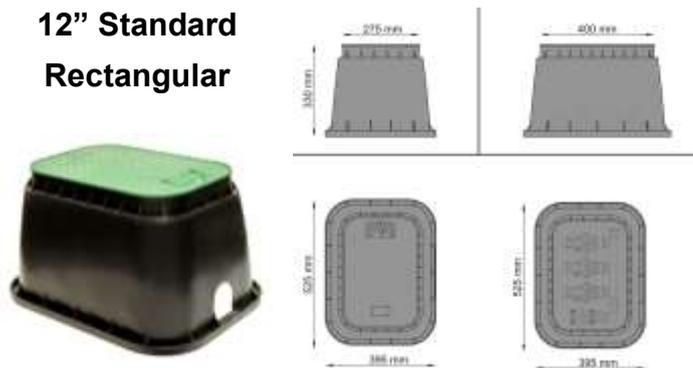
### 6" Mini Round



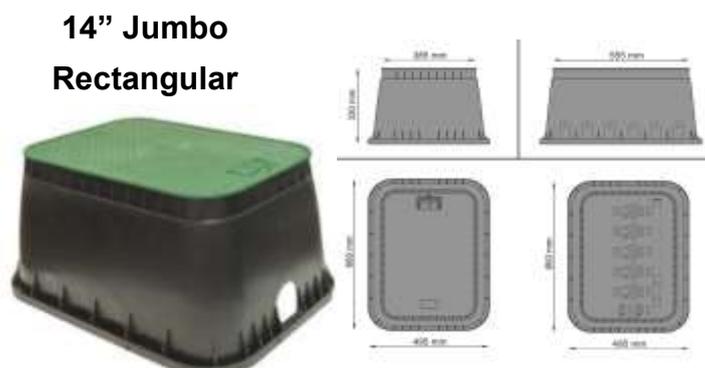
### 10" Large Round



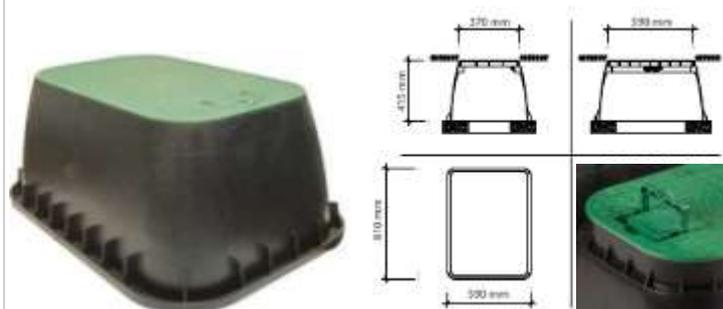
### 12" Standard Rectangular



### 14" Jumbo Rectangular



### 14" Super Jumbo Rectangular **NEW**



- The valve boxes are opened by simply lifting and pulling a discreet handle embedded in the lid.
- Each valve box has an anti-vandal bolt for additional security.
- A specially designed model bracket inside the box allows easy and tidy wire installation to fit Rain's battery controller.
- Body: Polypropylene polymer

- UNI EN 124 A class A 15 (Peak load > 15 Kn)

## Various Accessories

Stand

No. **336**  
**Stand for Garden Sprinklers**



Code	Size	Bag	Box
336000000	¾" x ¾"		25

Accessories

No. **950**  
**Wedges**



Code	Size	Bag	Box
950000000	½"		500

Epsilon Series PN16

No. **332C**  
**Elbow Female for Pop-Up**



Code	Size	Bag	Box
332C02501	25 x ½" x 25	15	195 L
332C03201	32 x ½" x 32	10	100 L
332C03202	32 x ¾" x 32	10	100 L

Epsilon Series PN16

No. **332D**  
**Wall Elbow Female**



Code	Size	Bag	Box
332D01601	16 x ½"	10	240 L
332D02001	20 x ½"	10	240 L
332D02502	25 x ¾"	10	140 L

PP Multi-Riser

No. **566C**  
**Multi-Riser**



Code	Size	Bag	Box
566C00101	½" x ½" - 15 cm		360 S
566C00201	¾" x ½" - 15 cm		300 S
566C00202	¾" x ¾" - 15 cm		250 S

Barbed

No. **661**  
**Coupling Brown**



Code	Size	Bag	Box
661071616	16 Brown		1.500 S

Barbed

No. **663**  
**Tee Brown**



Code	Size	Bag	Box
663071616	16 Brown		800 S

Barbed

No. **662**  
**Elbow Brown**



Code	Size	Bag	Box
662071616	16 Brown		1.500 S

Accessories

No. **949**  
**Ground Hook Black**



Code	Size	Bag	Box
949151620	15 cm - Ø 16 - 20 mm		1.200
949301620	30 cm - Ø 16 - 20 mm		400

Accessories

No. **947**  
**Ground Hook Brown**



Code	Size	Bag	Box
947151620B	15 cm - Ø 16 - 20 mm		1.200
947301620B	30 cm - Ø 16 - 20 mm		400

## Valves & Tap Timers

STOP Tap

No. **103S**  
**STOP Tap with  
 Compression Caps**



Code	Size	Bag	Box
103SC0020	20 x 20		150 L
103SC0025	25 x 25		120 L
103SC0032	32 x 32		100 L

Various Valves

No. **191**  
**Quick Coupling  
 (Garden) Valve**



Code	Size	Bag	Box
191000007	3/4"		400
191000002	1"		400
191000006	3/4" - Key		300

Mini Valves

No. **120G**  
**Threaded Male x  
 Tap Adaptor**



Code	Size	Bag	Box
120G00110	1/2" • 10		400 S
120G00210	3/4" • 10		250 S

Tap Timers

No. **214**  
**Tap Timer Holman**



Code	Size	Bag	Box
214CO3005	3/4" - Digital		6

Tap Timers

No. **214**  
**Tap Timer Holman**



Code	Size	Bag	Box
214CO3001	3/4" - 2 Buttons		6



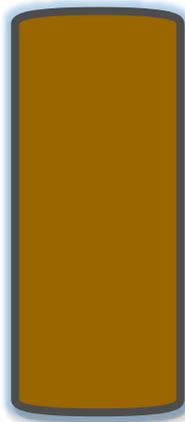
*Streaming Water. Streaming Life!*



# **Polyethylene & Soft Pipes**

## **Polyethylene & Soft Pipes**

### **Polyethylene & Soft Pipes**



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

# Polyethylene & Soft Pipes

## HDPE Standards

EN12201 - Plastics piping systems for water supply, Polyethylene (PE). Specifies the characteristics of pipes made from polyethylene (PE 100, PE 80 and PE 40) for buried and above ground applications intended for the conveyance of water for human consumption, raw water prior to treatment, drainage and sewerage under pressure, vacuum sewer systems and water for other purposes.

### EN 12201

#### PN6 / SDR:21 / PE80

Code	Nominal Diameter (mm)	Min. Wall Thickness (mm)	Approximate Weight (Kg/m)
33 060 040***	40	2.0	0.245
33 060 050***	50	2.4	0.371
33 060 063***	63	3.0	0.576
33 060 075***	75	3.6	0.825
33 060 090***	90	4.3	1.18
33 060 110***	110	5.3	1.77
33 060 125***	125	6.0	2.27

### EN 12201

#### PN10 / SDR:13.6 / PE80

Code	Nominal Diameter (mm)	Min. Wall Thickness (mm)	Approximate Weight (Kg/m)
33 100 025***	25	2.0	0.148
33 100 032***	32	2.4	0.230
33 100 040***	40	3.0	0.360
33 100 050***	50	3.7	0.548
33 100 063***	63	4.7	0.873
33 100 075***	75	5.6	1.24
33 100 090***	90	6.7	1.77
33 100 110***	110	8.1	2.62
33 100 125***	125	9.2	3.38



### EN 12201

#### PN10 / SDR:17 / PE100

Code	Nominal Diameter (mm)	Min. Wall Thickness (mm)	Approximate Weight (Kg/m)
41 100 032***	32	2.0	0.193
41 100 040***	40	2.4	0.293
41 100 050***	50	3.0	0.451
41 100 063***	63	3.8	0.719
41 100 075***	75	4.5	1.01
41 100 090***	90	5.4	1.46
41 100 110***	110	6.6	2.17

### EN 12201

#### PN16 / SDR:11 / PE100

Code	Nominal Diameter (mm)	Min. Wall Thickness (mm)	Approximate Weight (Kg/m)
41 160 020***	20	2.0	0.116
41 160 025***	25	2.3	0.169
41 160 032***	32	3.0	0.277
41 160 040***	40	3.7	0.429
41 160 050***	50	4.6	0.665
41 160 063***	63	5.8	1.05
41 160 075***	75	6.8	1.47
41 160 090***	90	8.2	2.13
41 160 110***	110	10.0	3.16



## LDPE Standards

**CYS 106 – Low Density Polyethylene (LDPE) for agricultural applications.** This standard specifies the characteristics of preferable black LDPE pipes intended to be used for conveyance of water for agricultural applications. This standard covers pipes with nominal outside diameters from 16 mm to 40 mm and nominal pressures of 4 bar and 6 bar. It also specifies the test parameters for the test methods referred to in this standard.



**ISO 8779 – Plastics piping systems, Polyethylene (PE) pipes for irrigation, Specifications.** This International Standard specifies the pipes (mains, sub-mains and laterals) with nominal outside diameters from 12 mm up to and including 63 mm made from polyethylene (PE) intended to be used for the conveyance of water for irrigation. It also specifies the general properties of PE and the test parameters for the pipes designated.

## MDPE Standard

**BS6572 - Specification for blue polyethylene pipes up to nominal size 63 for below ground use for potable water.** Specifies the requirements for small sizes of pipe in metric series diameters coloured blue for carrying potable water, especially underground or in ducts with other services. Suitable for water authority use in respect of proposed byelaw requirements for protecting water quality.

## CYS 106

### PN4 / SDR:13.6 / PE32

Code	Nominal Diameter (mm)	Min. Wall Thickness (mm)	Approximate Weight (Kg/m)
12 040 016***	16	1.5	0.077
12 040 020***	20	1.6	0.099
12 040 025***	25	1.9	0.139
12 040 032***	32	2.4	0.225
12 040 040***	40	3.0	0.345

## ISO 8779

### PN4 / SDR:13.6 / PE32

Code	Nominal Diameter (mm)	Min. Wall Thickness (mm)	Approximate Weight (Kg/m)
13 040 016***	16	1.4	0.067
13 040 020***	20	1.5	0.090

## BS 6572

### PN12 / SDR:11 / PE80

Code	Nominal Diameter (mm)	Min. Wall Thickness (mm)	Approximate Weight (Kg/m)
21 120 020***	20	2.3	0.126
21 120 025***	25	2.3	0.161
21 120 032***	32	3.0	0.269
21 120 040***	40	3.7	0.421
21 120 050***	50	4.6	0.646
21 120 063***	63	5.8	1.020

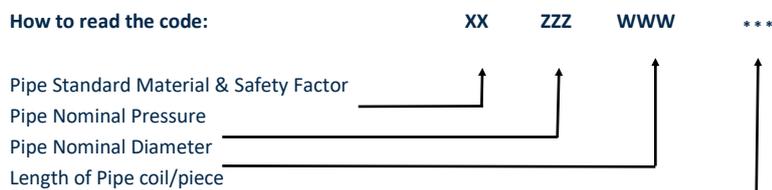


# Polyethylene & Soft Pipes

Material	Safety Factor	Codes & Pressure Ratings															
		Temperature: 20 C° - 50 Years Service															
		Code	PN	Code	PN	Code	PN	Code	PN	Code	PN	Code	PN	Code	PN	Code	PN
PE 80	1,25	33050***	5,0	33060***	6,0	33080***	8,0	33100***	10,0	33125***	12,5	33160***	16,0	33200***	20,0	33250***	25,0
PE 80	1,60	34040***	4,0	34050***	5,0	34060***	6,0	34080***	8,0	34100***	10,0	34125***	12,5	34160***	16,0	34200***	20,0
PE 100	1,25	41060***	6,0	41080***	8,0	41100***	10,0	41125***	12,5	41160***	16,0	41200***	20,0	41250***	25,0		
PE 100	1,60	42050***	5,0	42060***	6,0	42080***	8,0	42100***	10,0	42125***	12,5	42160***	16,0	42200***	20,0	42250***	25,0

SDR	26,0		21,0		17,0		13,6		11,0		9,0		7,4		6,0	
Nominal Diameter	Wall Thickness	Weight														
mm	mm	Kg/m														
16											2,00	0,09	2,30	0,10	3,00	0,12
20									2,00	0,12	2,30	0,13	3,00	0,16	3,40	0,18
25							2,00	0,15	2,30	0,17	3,00	0,21	3,40	0,24	4,20	0,28
32					2,00	0,19	2,40	0,23	3,00	0,28	3,60	0,33	4,40	0,39	5,40	0,45
40			2,00	0,25	2,40	0,29	3,00	0,36	3,70	0,43	4,50	0,51	5,50	0,60	6,70	0,70
50	2,00	0,31	2,40	0,37	3,00	0,45	3,70	0,55	4,60	0,67	5,60	0,79	6,90	0,94	8,30	1,09
63	2,50	0,49	3,00	0,58	3,80	0,72	4,70	0,87	5,80	1,05	7,10	1,26	8,60	1,48	10,50	1,73
75	2,90	0,67	3,60	0,83	4,50	1,01	5,60	1,24	6,80	1,47	8,40	1,77	10,30	2,10	12,50	2,46
90	3,50	0,97	4,30	1,18	5,40	1,46	6,70	1,77	8,20	2,13	10,10	2,55	12,30	3,01	15,00	3,54
110	4,20	1,43	5,30	1,77	6,60	2,17	8,10	2,62	10,00	3,16	12,30	3,80	15,10	4,52	18,30	5,27
125	4,80	1,84	6,00	2,27	7,40	2,77	9,20	3,38	11,40	4,10	14,00	4,91	17,10	5,81	20,80	6,80
140	5,40	2,32	6,70	2,84	8,30	3,48	10,30	4,24	12,70	5,11	15,70	6,15	19,20	7,30		
160	6,20	3,05	7,70	3,73	9,50	4,54	11,80	5,53	14,60	6,70	17,90	8,02				
180	6,90	3,79	8,60	4,68	10,70	5,74	13,30	7,02	16,40	8,49	20,10	10,10				
200	7,70	4,71	9,60	5,80	11,90	7,08	14,70	8,62	18,20	10,50	22,40	12,50				
225	8,60	5,92	10,30	6,97	13,40	8,99	16,60	10,90	20,50	13,20	25,20	15,90				
250	9,60	7,34	11,40	8,57	14,80	11,00	18,40	13,50	22,70	16,30						

How to read the code:



How to read the table

SDR - the ratio of pipe diameter to wall thickness

SDR= D / s

D= pipe outside diameter (mm)

s= pipe wall thickness (mm)

S.F. - is the safety factor of a pipe and has standard values of 1.25 and 1.6

SF = Short-Term Strength / Short-Term Load in Service



# Polyethylene & Soft Pipes

## Soft Micro-tubes (PVC & PE) & LDPE Pipes

### No. 610 Soft PVC Pipe (Pieces)



Code	Diameter x Thickness - Length	Pack	Box
61054320005	Ø 5.4 x 3.2 mm - 50 cm	100	? P
61054320006	Ø 5.4 x 3.2 mm - 60 cm	100	? P
61054320008	Ø 5.4 x 3.2 mm - 80 cm	100	? P
61054320010	Ø 5.4 x 3.2 mm - 100 cm	100	? P
61074480005	Ø 7.4 x 4.8 mm - 50 cm	100	? P
61074480006	Ø 7.4 x 4.8 mm - 60 cm	100	? P
61074480008	Ø 7.4 x 4.8 mm - 80 cm	100	? P
61074480010	Ø 7.4 x 4.8 mm - 100 cm	100	? P
61074480012	Ø 7.4 x 4.8 mm - 120 cm	100	? P
61074480015	Ø 7.4 x 4.8 mm - 150 cm	100	? P
61074480020	Ø 7.4 x 4.8 mm - 200 cm	100	? P

### No. 610 Soft PVC Pipe (Reels)



Code	Diameter x Thickness	Length (m)	Packing
61030050000	Ø 3.0 x 1.0 mm	500	1 C
61054305000	Ø 5.0 x 3.0 mm	500	1 C
61054325000	Ø 5.4 x 3.2 mm	500	1 C
61060355000	Ø 6.0 x 3.5 mm	500	1 C
61060405000	Ø 6.0 x 4.0 mm	500	1 C
61074485000	Ø 7.4 x 4.8 mm	500	1 C
61090601000	Ø 9.0 x 6.0 mm	100	1 C

### No. 610 LDPE Spaghetti Pipe



Code	Diameter x Thickness	Length (m)	Packing
61083535000	Ø 8.3 x 5.3 mm	500	1 C

### No. 1304 LDPE Pipe (ISO 8779) SDR 13.6 - PN 4



Code	Diameter x Thickness	Length (m)	Packing
13040016100	Ø 16 x 1,4 mm	100	1 C
13040020100	Ø 20 x 1,5 mm	100	1 C

### No. 1204 LDPE Black (CYS106) SDR 13,6 - PN 4



Code	Diameter x Thickness	Length (m)	Packing
12040016100	Ø 16 x 1,5 mm	100	1 C
12040020100	Ø 20 x 1,6 mm	100	1 C
12040025100	Ø 25 x 1,9 mm	100	1 C
12040032100	Ø 32 x 2,4 mm	100	1 C
12040040100	Ø 40 x 3,0 mm	100	1 C

### No. 1814 LDPE White (CYS106) - SDR 13,6 - PN 4



Code	Diameter x Thickness	Length (m)	Packing
18140016100	Ø 16 x 1,5 mm	100	1 C
18140020100	Ø 20 x 1,6 mm	100	1 C
18140025100	Ø 25 x 1,9 mm	100	1 C

### No. 1804 LDPE Brown (CYS106) - SDR 13,6 - PN 4



Code	Diameter x Thickness	Length (m)	Packing
18040016100	Ø 16 x 1,5 mm	100	1 C
18040020100	Ø 20 x 1,6 mm	100	1 C
18040025100	Ø 25 x 1,9 mm	100	1 C

# Polyethylene & Soft Pipes

## MDPE & HDPE Pipes

No. **MDPE Pipe (BS6572)**  
**22120 Black - PN 12 - SDR 11**



Code	Diameter x Thickness	Length (m)	Packing
22120020001	Ø 20 x 2,3 mm	1	1 C
22120025001	Ø 25 x 2,3 mm	1	1 C
22120032001	Ø 32 x 3,0 mm	1	1 C
22120040001	Ø 40 x 3,7 mm	1	1 C
22120050001	Ø 50 x 4,6 mm	1	1 C
22120063001	Ø 63 x 5,8 mm	1	1 C

No. **MDPE Pipe (BS6572)**  
**21125 Blue - PN 12,5 - SDR 11**



Code	Diameter x Thickness	Length (m)	Packing
21125020001	Ø 20 x 2,3 mm	1	1 C
21125025001	Ø 25 x 2,3 mm	1	1 C
21125032001	Ø 32 x 3,0 mm	1	1 C
21125040001	Ø 40 x 3,7 mm	1	1 C
21125050001	Ø 50 x 4,6 mm	1	1 C
21125063001	Ø 63 x 5,8 mm	1	1 C

No. **HDPE 80 (EN 12201) -**  
**33060 SDR 21 - PN 6**



Code	Diameter x Thickness	Length (m)	Packing
33060040001	Ø 40 x 2,0 mm	1	1 C
33060050001	Ø 50 x 2,4 mm	1	1 C
33060063001	Ø 63 x 3,0 mm	1	1 C
33060075001	Ø 75 x 3,6 mm	1	1 C
33060090001	Ø 90 x 4,3 mm	1	1 P
33060110001	Ø 110 x 5,3 mm	1	1 P
33060125001	Ø 125 x 6,0 mm	1	1 P
33060160001	Ø 160 x 7,7 mm	1	1 P

No. **HDPE 80 (EN 12201) -**  
**33100 SDR 13,6 - PN 10**



Code	Diameter x Thickness	Length (m)	Packing
33100020001	Ø 20 x 1,5 mm	1	1 C
33100025001	Ø 25 x 2,0 mm	1	1 C
33100032001	Ø 32 x 2,4 mm	1	1 C
33100040001	Ø 40 x 3,0 mm	1	1 C
33100050001	Ø 50 x 3,7 mm	1	1 C
33100063001	Ø 63 x 4,7 mm	1	1 C
33100075001	Ø 75 x 5,6 mm	1	1 C
33100090001	Ø 90 x 6,7 mm	1	1 P
33100110001	Ø 110 x 8,1 mm	1	1 P

No. **HDPE 80 (EN 12201) -**  
**33160 SDR 9 - PN 16**



Code	Diameter x Thickness	Length (m)	Packing
33160016001	Ø 16 x 1,8 mm	1	1 C
33160020001	Ø 20 x 2,23 mm	1	1 C
33160025001	Ø 25 x 2,8 mm	1	1 C
33160032001	Ø 32 x 3,6 mm	1	1 C
33160040001	Ø 40 x 4,5 mm	1	1 C
33160050001	Ø 50 x 5,7 mm	1	1 C
33160063001	Ø 63 x 7,0 mm	1	1 C
33160075001	Ø 75 x 8,4 mm	1	1 C
33160090001	Ø 90 x 10,0 mm	1	1 P
33160110001	Ø 110 x 12,3 mm	1	1 P

# Polyethylene & Soft Pipes

## HDPE Pipes -

### No. **HDPE 100 (EN 12201) -** **4110 SDR 17 - PN 10**



Code	Diameter x Thickness	Length (m)	Packing	
41100025001	Ø 25 x 1,57 mm	1	1 C	
41100032001	Ø 32 x 1,9 mm	1	1 C	
41100040001	Ø 40 x 2,4 mm	1	1 C	
41100050001	Ø 50 x 2,9 mm	1	1 C	
41100063001	Ø 63 x 3,7 mm	1	1 C	
41100075001	Ø 75 x 4,4 mm	1	1 C	
41100090001	Ø 90 x 5,3 mm	1	1 P	
41100110001	Ø 110 x 6,50 mm	1	1 P	
41100125001	Ø 125 x 7,4 mm	1	1 P	
41100140001	Ø 140 x 8,2 mm	1	1 P	
41100160001	Ø 160 x 9,4 mm	1	1 P	
41100180001	Ø 180 x 10,6 mm	1	1 P	
41100200001	Ø 200 x 11,8 mm	1	1 P	
41100225001	Ø 225 x 13,2 mm	1	1 P	
41100250001	Ø 250 x 14,7 mm	1	1 P	
41100280001	Ø 280 x 16,5 mm	1	1 P	
41100315001	Ø 315 x 18,5 mm	1	1 P	
41100400001	Ø 400 x 23,5 mm	1	1 P	

### No. **HDPE 100 (EN 12201) -** **4112 SDR 13,6 - PN 12,5**



Code	Diameter x Thickness	Length (m)	Packing	
41125025001	Ø 25 x 1,8 mm	1	1 C	
41125032001	Ø 32 x 2,4 mm	1	1 C	
41125040001	Ø 40 x 2,9 mm	1	1 C	
41125050001	Ø 50 x 3,7 mm	1	1 C	
41125063001	Ø 63 x 4,6 mm	1	1 C	
41125075001	Ø 75 x 5,5 mm	1	1 C	
41125090001	Ø 90 x 6,6 mm	1	1 P	
41125110001	Ø 110 x 8,1 mm	1	1 P	
41125125001	Ø 125 x 9,2 mm	1	1 P	
41125250001	Ø 250 x 18,4 mm	1	1 P	

### No. **HDPE 100 (EN 12201) -** **4116 SDR 11 - PN 16**



Code	Diameter x Thickness	Length (m)	Packing	
41160020001	Ø 20 x 1,8 mm	1	1 C	
41160025001	Ø 25 x 2,3 mm	1	1 C	
41160032001	Ø 32 x 2,9 mm	1	1 C	
41160040001	Ø 40 x 3,7 mm	1	1 C	
41160050001	Ø 50 x 4,5 mm	1	1 C	
41160063001	Ø 63 x 5,7 mm	1	1 C	
41160075001	Ø 75 x 6,8 mm	1	1 C	
41160090001	Ø 90 x 8,2 mm	1	1 P	
41160110001	Ø 110 x 10,0 mm	1	1 P	
41160125001	Ø 125 x 11,4 mm	1	1 P	
41160140001	Ø 140 x 12,7 mm	1	1 P	
41160160001	Ø 160 x 14,6 mm	1	1 P	
41160180001	Ø 180 x 16,4 mm	1	1 P	
41160200001	Ø 200 x 18,2 mm	1	1 P	
41160225001	Ø 225 x 20,5 mm	1	1 P	
41160250001	Ø 250 x 22,7 mm	1	1 P	
41160280001	Ø 280 x 35,5 mm	1	1 P	
41160315001	Ø 315 x 28,7 mm	1	1 P	

### No. **HDPE 100 (EN 12201)** **4120 SDR 9 - PN 20**



Code	Diameter x Thickness	Length (m)	Packing	
41200025001	Ø 25 x 2,8 mm	1	1 C	
41200032001	Ø 32 x 3,6 mm	1	1 C	
41200040001	Ø 40 x 4,4 mm	1	1 C	
41200050001	Ø 50 x 5,6 mm	1	1 C	
41200063001	Ø 63 x 7,0 mm	1	1 C	
41200075001	Ø 75 x 8,3 mm	1	1 C	
41200090001	Ø 90 x 10,0 mm	1	1 P	
41200110001	Ø 110 x 12,2 mm	1	1 P	
41200125001	Ø 125 x 13,9 mm	1	1 P	
41200160001	Ø 160 x 17,8 mm	1	1 P	
41200200001	Ø 200 x 22,2 mm	1	1 P	

# Polyethylene & Soft Pipes

Kerynia Regular Driplines the good choice...

## Ideal Applications

Row crops, Orchards, Vegetables, Gardening, Landscaping

Suitable for both on surface and subsurface installations

Very high resistance to agrochemicals and hard field conditions

Manufactured from the finest raw materials providing : durability and long-lasting performance



## Product Characteristics

Kerynia dripline is produced with the highest quality raw material, by integrating the most advanced emitter of the industry. Provides extreme tensile strength, since it is produced with high-quality resins. Offers excellent performance on the field due to the flawlessly designed, injected molded Kerynia emitter with very low CV. The unique design of Kerynia emitter, provides high clogging resistance and offers the highest emission uniformity. The combination of those elements translates to superior quality, evenly grown crops and increased overall yield which leads to higher income for every farmer world-wide.

### Cylindrical Turbulent Emitter

Compact and economical emitter for a wide range of both surface and subsurface applications. Suitable for permanent crops and multi seasonal usage, provides easy and trouble-free installations for unexperienced farmers.

Advanced water inlet design, increases filtering area and prevents particle insertion in the emitter, thus enhancing the anticlogging performance

The excellent design of the flow path width, depth and length determines the flow rate of the emitter and the anti-clogging ability.

A high turbulent flow path design creates a vortex effect inside the emitter and therefore prevents clogging.

Emitters are tested from both CIT and Irstea institutes and achieved the highest ranking for CV, emission uniformity, flow accuracy and clogging resistance

Kerynia Emitters Specifications						
Nominal Flow Rate (LPH @ 1bar)	Constant (k)	Exponent (x)	Coefficient of Variation CV (%)	Water Passage (Width x Depth x Length) (mm)	Filtration Area (mm <sup>2</sup> )	Recommended Filtration (mesh/micron)
2,0	1,9	0,53	1,20	0,95 x 1,00 x 197	20,8	120/130
4,0	3,8	0,50	1,35	1,03 x 1,35 x 143	53,0	120/130

Kerynia Driplines Specifications							
Product Name Name   Code		Diameter		Wall Thick-ness (mm)	Maximum Operating Pressure (bar)	Flow Rate (LPH)	Coil Length (meters)
		Nominal (mm)	Internal (mm)				
Kerynia	539	16	13.7	1.1	4.5	2	400
						4	
Kerynia Light	539L			0.9	3.5	2	
						4	

# Polyethylene & Soft Pipes

Kerynia Regular Driplines the good choice...-

Regular Dripline

No. **Kerynia Ø 16**  
539



Code	Diameter x Spacing	Length (m)	Packing
539016XX020	Ø 16 - 20 cm	400	1 C
539016XX025	Ø 16 - 25 cm	400	1 C
539016XX030	Ø 16 - 30 cm	400	1 C
539016XX040	Ø 16 - 40 cm	400	1 C
539016XX050	Ø 16 - 50 cm	400	1 C
539016XX060	Ø 16 - 60 cm	400	1 C
539016XX070	Ø 16 - 70 cm	400	1 C
539016XX080	Ø 16 - 80 cm	400	1 C
539016XX090	Ø 16 - 90 cm	400	1 C
539016XX100	Ø 16 - 100 cm	400	1 C

Regular Dripline

No. **Kerynia Ø 20**  
539



Code	Diameter x Spacing	Length (m)	Packing
539020XX020	Ø 20 - 20 cm	300	1 C
539020XX025	Ø 20 - 25 cm	300	1 C
539020XX030	Ø 20 - 30 cm	300	1 C
539020XX040	Ø 20 - 40 cm	300	1 C
539020XX050	Ø 20 - 50 cm	300	1 C
539020XX060	Ø 20 - 60 cm	300	1 C
539020XX070	Ø 20 - 70 cm	300	1 C
539020XX080	Ø 20 - 80 cm	300	1 C
539020XX090	Ø 20 - 90 cm	300	1 C
539020XX100	Ø 20 - 100 cm	300	1 C

**Note:**

Available flow: 2 & 4 LPH

Replace "XX" with the desired flow :

02 for 2 LPH or

04 for 4 LPH

Indicative Maximum Recommended Length (meters) @ 0% slope & 10% Flow Variation						
Flow Rate	Emitter Spacing					
(LPH)	15cm	20cm	30cm	50cm	75cm	100cm
2	37	47	64	94	126	154
4	24	31	43	63	84	103

# Polyethylene & Soft Pipes

Morfou P.C. Driplines the right choice...

## Ideal Applications

Precision irrigation, Uneven terrain, Row crops, Orchards, Vegetables, Gardening, Landscaping  
 Suitable for both on surface and subsurface installations  
 Very high resistance to agrochemicals and hard field conditions  
 Manufactured from the finest raw materials providing: durability and long-lasting performance



## Product Characteristics

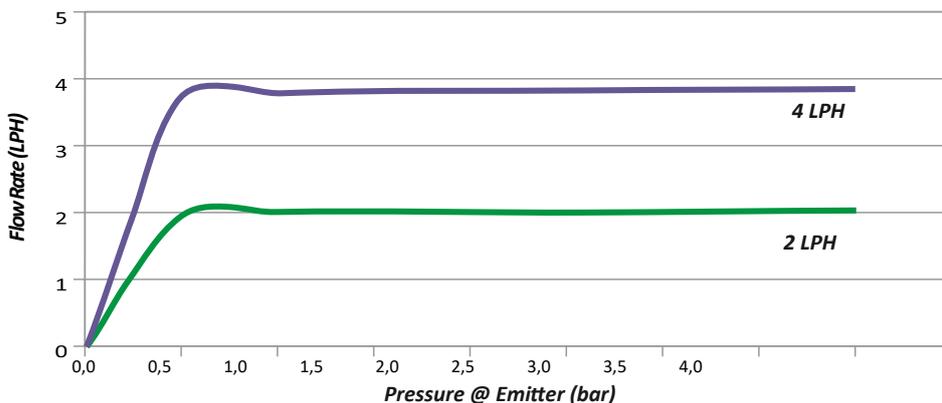
Morfou PC driplines are produced with the highest quality raw material, by integrating the most advanced emitter of the industry. Provides extreme tensile strength, since it is produced with high-quality resins. Offers excellent performance on the field due to the flawlessly designed, injected molded Morfou PC emitter with very low CV. The unique design of Morfou PC emitter, provides high clogging resistance and offers the highest emission uniformity. The combination of those elements translates to superior quality, evenly grown crops and increased overall yield which leads to higher income for every farmer worldwide. Morfou PC dripline is the most durable Pressure Compensating dripline, designed for steep and rocky terrain, permanent crops with long laterals, for both surface and subsurface applications.

## Cylindrical Turbulent Emitter

Morfou P.C. Emitter Specifications Drain (D), Non-Drain (ND) and Anti-Siphon (AS) options

The antisiphon (AS) system both in D and ND versions is a specially designed mechanism that prevents suction of dirt and impurities into the emitter. The AS feature enables Morfou PC dripline to be installed underground (SDI), perfectly maintaining its irrigation characteristics and its multiyear durability. With the Non-drain system, the dripline remains full of water during irrigation intervals, ensuring immediate and uniform irrigation along the dripline. Moreover, Non-Drain emitters eliminate drainage and refill effect, and improve efficiency in pulse irrigation. In order to achieve the Non-Drain function, the emitter opens at 0,30 bar and closes at 0,18 bar.

Morfou P.C. Emitters Flow Curves



Morfou P.C. Driplines Specifications

Product Name		Diameter		Wall Thickness	Maximum Operating Pressure	Flow Rate	Coil Length
		Nominal	Internal				
Name	Code	(mm)	(mm)	(mm)	(bar)	(LPH)	(meters)
Morfou	534	16	13.7	1.1	4.5	2	400
						4	
Morfou Light	534L	16	13.7	0.9	3.5	2	
						4	



# Polyethylene & Soft Pipes

Morfou P.C. Driplines the right choice...-

Pressure Compensated Dripline

No. **Morfou PC Ø 16**  
**534**



Code	Diameter x Spacing	Length (m)	Packing
534016XX020	Ø 16 - 20 cm	400	1 C
534016XX025	Ø 16 - 25 cm	400	1 C
534016XX030	Ø 16 - 30 cm	400	1 C
534016XX040	Ø 16 - 40 cm	400	1 C
534016XX050	Ø 16 - 50 cm	400	1 C
534016XX060	Ø 16 - 60 cm	400	1 C
534016XX070	Ø 16 - 70 cm	400	1 C
534016XX080	Ø 16 - 80 cm	400	1 C
534016XX090	Ø 16 - 90 cm	400	1 C
534016XX100	Ø 16 - 100 cm	400	1 C

Pressure Compensated Dripline

No. **Morfou PC Ø 20**  
**534**



Code	Diameter x Spacing	Length (m)	Packing
534020XX020	Ø 20 - 20 cm	300	1 C
534020XX025	Ø 20 - 25 cm	300	1 C
534020XX030	Ø 20 - 30 cm	300	1 C
534020XX040	Ø 20 - 40 cm	300	1 C
534020XX050	Ø 20 - 50 cm	300	1 C
534020XX060	Ø 20 - 60 cm	300	1 C
534020XX070	Ø 20 - 70 cm	300	1 C
534020XX080	Ø 20 - 80 cm	300	1 C
534020XX090	Ø 20 - 90 cm	300	1 C
534020XX100	Ø 20 - 100 cm	300	1 C

**Note:**

Available flow: 2 & 4 LPH

Replace "XX" with the desired flow :

02 for 2 LPH or

04 for 4 LPH

Indicative Maximum Recommended Length (meters)						
@ 3,5 Bar						
Flow Rate (LPH)	Emitter Spacing					
	15cm	20cm	30cm	50cm	75cm	100cm
2	71	93	133	206	285	357
4	45	58	84	130	181	226



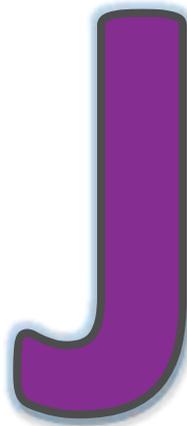
*Streaming Water. Streaming Life!*



# Pressure Pipes

## Pressure Pipes

### Pressure Pipes



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

Elysée offers a comprehensive range of pipes and fittings, designed for water supply and for buried and above-ground drainage and sewerage. EN ISO 1452 piping systems are available in a complete range of metric series from Ø16mm to Ø315mm with pressure rating from 6 bar up to 25 bar. Pipes can be found at straight lengths of 3, 4 and 6 m.

In order to ensure that all requirements of standards and regulations are fulfilled, Elysée's U-PVC plastics piping systems, are tested according to standards requirements in our well-equipped testing room.

Furthermore, Elysée EN ISO 1452 piping systems are being tested and certified according to EN ISO 1452, by external third party certification body (OFI Austria). Product certification has been obtained, ensuring EN ISO 1452 compliance.

EN1452 specifies the requirements for U-PVC piping systems regarding: Materials, Appearance, Colour, Geometrical Characteristics, Mechanical Characteristics, Physical Characteristics, Performance requirements, Specifications for the Sealing Ring.

## Quality Management

Our Quality management system ensures top-class products in terms of performance, reliability and durability. This is a crucial parameter to ensure customer satisfaction and loyalty. Elysée quality system, ISO 9001, is approved by CCC and IQNet.

## Certifications

Elysée U-PVC pressure piping systems conform to the European standard of EN ISO 1452. This standard specifies the requirements of solid-wall pressure pipes and fittings which are intended for water supply, both for buried and above-ground usage.

In compliance with this standard, Elysée ensures regular supply of reliable products with approved quality.

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## Certifications

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In compliance with this standard, Elysée ensures regular supply of reliable products with approved quality.

## Dimensions and Characteristics

Nominal dimensions of mean outside diameters, the nominal wall thickness and their tolerances comply with the dimensions specified by the relevant standard of EN ISO 1452-2.

## Potable Water

All plastics and non-plastic products used for the production of Elysée piping systems, such as pipes, fittings, sealing rings, lubricants etc., which are intended for conveyance of water for human consumption, do not affect the quality of potable water according to the guidelines of BS6920 British Standard. The compounds and formulations of all materials are certified in accordance with the relevant standards.

## Materials

Elysée pressure piping systems are produced by U-PVC raw material which can be enhanced with additives in order to optimize its quality performance. The compound and formulation consist of U-PVC resin and the required additives are specified by the relevant standard of EN ISO 1452-2.

## Operating Temperature

A virgin material of U-PVC normally operates within a temperature range of 20°C to 70°C. Yet, the maximum allowable operating pressure is determined by the derating factor.

Additives are typically used in U-PVC production in order to increase the durability of the end product under higher temperatures.

## Sealing Ring

The sealing ring is a WA type, suitable for cold potable water which meets the requirements of the relevant standard of EN 681-1.

For each order, relevant information is provided to the customer, especially sealing ring's specifications and technical characteristics. The raw material of the sealing ring does not affect the quality of potable water in accordance with the British Standard of BS6920. In compliance with this standard and the relevant standard of EN 1452-5, it is assured that the sealing ring does not downgrade the properties of the pipes.

## General info

Traditionally, the market of domestic pipes has been dominated by the pipes of copper and galvanized iron, although in the last few years the plastic pipes have experimented a significant increment in their use in this market. In some parts of the world, the copper is still the dominant material although it is decreasing its use due to the increase of its cost and the robberies to melt. Although the first plastic materials developed for pipes could not compete with the properties of the traditional iron or steel pipes, the advances in researches and development of materials have made the plastic pipes to be nowadays one of the materials to choose for water supply, due to the economic and environmental balance that they represent.

## PE-RT Material

PE-RT (Polyethylene of Raised Temperature Resistance), is a further development undertaken with the aim of permitting the use of polyethylene materials even at elevated operating temperatures. The aim was to improve the HDPE materials by elevating the long-term hydrostatic strength at high temperatures without cross-linking as required for PE-X. Unlike the cross-linked polyethylene grades (PEX), this has been achieved by means of modification of the structure of the PE macromolecules, without any sacrifice of advantageous properties such as good resistance to stress-induced cracking and the toughness of the unmodified polyethylene. Through the modification process PE-RT gets a unique molecular structure and crystalline microstructure. The avoidance of chemical cross-linking process is one of the main reasons why PE-RT is suitable for use in all hot & cold water applications, it especially meets drinking water requirements.

## Effect on Water

Water is essential to human life and the health of the environment. Water quality is commonly defined by its physical, chemical, biological and aesthetic (appearance and smell) characteristics. A healthy environment is one in which the water quality supports a rich and varied community of organisms and protects public health. Unsuitable non-metallic materials can cause changes in the quality of the water that they are in contact with. Pipes that are intended to be used for potable water supply systems should be manufactured concerning the requirements of the relevant standards. Elysée pipes are fully conformed to international hygiene and sanitary requirements that are indicated by the standard BS6920 (UK).

## Quality Inspections and Testing

Several tests are carried out to verify the compliance of our polyethylene pipes with the relevant standards through in-house testing as well as tests in external accredited laboratories. Furthermore, all quality procedures and practices are checked from the entry of raw material, until the delivery of the pipes to the customers. Out of the regular inspections of appearance, color, marking and geometric characteristics, several mechanical and material tests are carried out as mentioned below.

Refer to technical manual for more information

## Benefits of Polyethylene Pipes

- Resistance to:
  - high temperature
  - freeze damage
  - corrosion
  - chemical substances
  - deformation under load
  - crack growth
  - impact
- Maintenance free
- Hygienic
- Long lasting
- Environmentally friendly
- Recyclable
- Ease of installation
- Outstanding flexibility
- Cost efficient
- Deposit free
- Energy saving
- Reduced water hammer noise
- Low thermal conductivity
- Good resistance to UV

## Applications of PE-RT

PE-RT type materials have been used successfully in domestic hot and cold water piping systems for more than 20 years. Because of the many benefits offered by PE-RT and the improved processability, it has become a preferable plumbing system.

An overview of applications areas is as follows:

- Cold and hot sanitary water supply
- Industrial applications
- Circuits of refrigeration

# Pressure Pipes & Fittings

## PVC Pipes (EN ISO 1452)

EN ISO 1452

No. **PVC Pipes - PN 6.3**  
**9806 Bar**



Code	Diameter x Thickness	Weight (Kg/m)	Packing
<b>SDR 33</b>			
98063040	Ø 40 x 1.5	0,29	P
98063050	Ø 50 x 1.6	0,38	P
98063063	Ø 63 x 2.0	0,59	P
98063075	Ø 75 x 2.3	0,81	P
98063090	Ø 90 x 2.8	1,17	P
<b>SDR 41</b>			
98063110	Ø 110 x 2.7	1,39	P
98063125	Ø 125 x 3.1	1,82	P
98063140	Ø 140 x 3.5	2,28	P
98063160	Ø 160 x 4.0	2,94	P
98063180	Ø 180 x 4.4	3,66	P
98063200	Ø 200 x 4.9	4,50	P
98063225	Ø 225 x 5.5	5,73	P
98063250	Ø 250 x 6.2	7,17	P
98063280	Ø 280 x 6.9	8,93	P
98063315	Ø 315 x 7.7	11,20	P

EN ISO 1452

No. **PVC Pipes - PN 8**  
**9808 Bar**



Code	Diameter x Thickness	Weight (Kg/m)	Packing
<b>SDR 26</b>			
98080040	Ø 40 x 1.6	0,30	P
98080050	Ø 50 x 2.0	0,46	P
98080063	Ø 63 x 2.5	0,73	P
98080075	Ø 75 x 2.9	1,00	P
98080090	Ø 90 x 3.5	1,44	P
<b>SDR 33</b>			
98080110	Ø 110 x 3.4	1,73	P
98080125	Ø 125 x 3.9	2,23	P
98080140	Ø 140 x 4.3	2,77	P
98080160	Ø 160 x 4.9	3,57	P
98080180	Ø 180 x 5.5	4,52	P
98080200	Ø 200 x 6.2	5,70	P
98080225	Ø 225 x 6.9	7,08	P
98080250	Ø 250 x 7.7	8,82	P
98080280	Ø 280 x 8.6	11,00	P
98080315	Ø 315 x 9.7	14,00	P

EN ISO 1452

No. **PVC Pipes - PN 10**  
**9810 Bar**



Code	Diameter x Thickness	Weight (Kg/m)	Packing
<b>SDR 21</b>			
98100032	Ø 32 x 1.6	0,24	P
98100040	Ø 40 x 1.9	0,35	P
98100050	Ø 50 x 2.4	0,55	P
98100063	Ø 63 x 3.0	0,85	P
98100075	Ø 75 x 3.6	1,22	P
98100090	Ø 90 x 4.3	1,75	P
<b>SDR 28</b>			
98100110	Ø 110 x 4.2	2,11	P
98100125	Ø 125 x 4.8	2,74	P
98100140	Ø 140 x 5.4	3,45	P
98100160	Ø 160 x 6.2	4,52	P
98100180	Ø 180 x 6.9	5,65	P
98100200	Ø 200 x 7.7	7,00	P
98100225	Ø 225 x 8.6	8,78	P
98100250	Ø 250 x 9.6	10,90	P
98100280	Ø 280 x 10.7	13,60	P
98100315	Ø 315 x 12.1	17,30	P

EN ISO 1452

No. **PVC Pipes - PN 12.5**  
**9812 Bar**



Code	Diameter x Thickness	Weight (Kg/m)	Packing
<b>SDR 17</b>			
98125025	Ø 25 x 1.5	0,17	P
98125032	Ø 32 x 1.9	0,28	P
98125040	Ø 40 x 2.4	0,44	P
98125050	Ø 50 x 3.0	0,67	P
98125063	Ø 63 x 3.8	1,06	P
98125075	Ø 75 x 4.5	1,50	P
98125090	Ø 90 x 5.4	2,17	P
<b>SDR 21</b>			
98125110	Ø 110 x 5.3	2,64	P
98125125	Ø 125 x 6.0	3,39	P
98125140	Ø 140 x 6.7	4,23	P
98125160	Ø 160 x 7.7	5,54	P
98125180	Ø 180 x 8.6	7,00	P
98125200	Ø 200 x 9.6	8,63	P
98125225	Ø 225 x 10.8	10,90	P
98125250	Ø 250 x 11.9	13,40	P
98125315	Ø 315 x 15.0	25,40	P



# Pressure Pipes & Fittings

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## PVC Pipes (EN ISO 1452) & Tube Clips

EN ISO 1452

No. **PVC Pipes - PN 16**  
**9816 Bar**



Code	Diameter x Thickness	Weight (Kg/m)	Packing
<b>SDR 13.6</b>			
98160020	Ø 20 x 1.5	0,14	P
98160025	Ø 25 x 1.9	0,21	P
98160032	Ø 32 x 2.4	0,34	P
98160040	Ø 40 x 3.0	0,53	P
98160050	Ø 50 x 3.7	0,81	P
98160063	Ø 63 x 4.5	1,30	P
98160075	Ø 75 x 5.6	1,83	P
98160090	Ø 90 x 6.7	2,64	P
<b>SDR 17</b>			
98160110	Ø 110 x 6.6	3,21	P
98160125	Ø 125 x 7.4	4,12	P
98160140	Ø 140 x 8.3	5,16	P
98160160	Ø 160 x 9.5	6,75	P
98160180	Ø 180 x 10.7	8,56	P
98160200	Ø 200 x 11.9	10,50	P
98160225	Ø 225 x 11.9	13,40	P
98160250	Ø 250 x 14.8	16,40	P
98160315	Ø 315 x 18.7	31,50	P

EN ISO 1452

No. **PVC Pipes - PN 25**  
**9825 Bar**



Code	Diameter x Thickness	Weight (Kg/m)	Packing
<b>SDR 9</b>			
98250016	Ø 16 x 1.8	0,17	P
98250020	Ø 20 x 2.3	0,28	P
98250025	Ø 25 x 2.8	0,44	P
98250032	Ø 32 x 3.6	0,67	P
98250040	Ø 40 x 4.5	1,06	P
98250050	Ø 50 x 5.6	1,50	P
98250063	Ø 63 x 7.1	0,44	P
98250075	Ø 75 x 8.4	0,67	P
<b>SDR 11</b>			
98250110	Ø 110 x 10.0	4,69	P
98250125	Ø 125 x 11.4	6,05	P
98250140	Ø 140 x 12.7	7,61	P
98250160	Ø 160 x 14.6	9,96	P
98250180	Ø 180 x 16.4	12,60	P
98250200	Ø 200 x 18.2	15,60	P

No. **Tube Clips**  
**817B**



Code	Size	Bag	Box
817A00016	Ø 16 x 2 (White)	2400	L
817B00016	Ø 16 (Black)	1000	L
817B00020	Ø 20 (Black)	800	L
817B00025	Ø 25 (Black)	600	L
817B00032	Ø 32 (Black)	500	L
817B00040	Ø 40 (Black)	700	L
817B00050	Ø 50 (Black)	400	L
817B00063	Ø 63 (Black)	270	L
817B00075	Ø 75 (Black)	240	L
817B00090	Ø 90 (Black)	120	L
817B00110	Ø 110 (Black)	120	L



No. **Tube Clip Base**  
**818B**



Code	Size	Bag	Box
818B00032	Ø 32	1000	L
818B00040	Ø 40	1500	L
818B00050	Ø 50	1000	L
818B00063	Ø 63	800	L

# Pressure Pipes & Fittings

## PERT Pipes - PPR Pipes & Pool Hoses

### No. 450 PERT Pipe in Corugated Hose



Code	Diameter x Thickness	Length (m)	Packing
45032016050	Ø 16 x 2,2	50	1 C
45032018050	Ø 18 x 2,5	50	1 C
45032020050	Ø 20 x 2,8	50	1 C
45032025050	Ø 25 x 3,5	50	1 C
45035016050	Ø 16 x 2,0	50	1 C
45040018050	Ø 18 x 2,0	50	1 C
45042028050	Ø 28 x 3,0	50	1 C
45045020050	Ø 20 x 2,0	50	1 C
45050025050	Ø 25 x 2,3	50	1 C
45050032050	Ø 32 x 3,0	50	1 C

### No. 45A PERT Pipe



Code	Diameter x Thickness	Length (m)	Packing
45A35016050	Ø 16 x 2,0	50	1 C
45A32016050	Ø 16 x 2,2	50	1 C
45A40018050	Ø 18 x 2,0	50	1 C
45A32018050	Ø 18 x 2,5	50	1 C
45A32020050	Ø 20 x 2,8	50	1 C
45A50025050	Ø 25 x 2,3	50	1 C
45A32025050	Ø 25 x 3,5	50	1 C
45A42028050	Ø 28 x 3,0	50	1 C
45A50032050	Ø 32 x 3,0	50	1 C

### No. 45A PERT Pipe



Code	Diameter x Thickness	Length (m)	Packing
45A25015100	Ø 15 x 2,5	100	1 C
45A35016100	Ø 16 x 2,0	100	1 C
45A40018100	Ø 18 x 2,0	100	1 C
45A32018100	Ø 18 x 2,5	100	1 C
45A32022100	Ø 22 x 3,0	100	1 C



### No. 482 PPR Pipe (Green)



Code	Diameter x Thickness	Length (m)	Packing
482500204	Ø 20 x 3.4	4	1 P
482500254	Ø 25 x 4.2	4	1 P
482500324	Ø 32 x 5.4	4	1 P
482500404	Ø 40 x 6.7	4	1 P
482500504	Ø 50 x 8.4	4	1 P
482500634	Ø 63 x 10.5	4	1 P

### No. 980F Poolflex Hose



Code	Diameter x Thickness	Length (m)	Packing
980F25032	Ø 32	25	1 C
980F25050	Ø 50	25	1 C
980F25063	Ø 63	25	1 C
980F25075	Ø 75	25	1 C

# Pressure Pipes & Fittings

## Risers (BS 2779) - PVC Glue & Cleaner



No. 580	½"			¾"			1"		
	Length (cm)	Code	Box	Code	Box	Code	Box		
5	○ 58000501	1.200	S	○ 58000502	750	S	○ 58000503	400	S
10	○ 580001001	600	S	○ 580001002	400	S	○ 580001003	240	S
15	○ 580001501	400	S	○ 580001502	250	S	○ 580001503	340	S
20	○ 580002001	350	S	○ 580002002	260	S	○ 580002003	160	S
25	○ 580002501	300	S	○ 580002502	150	S	○ 580002503	130	S
30	○ 580003001	270	S	○ 580003002	180	S	○ 580003003	110	S
40	○ 580004001	170	S	○ 580004002	130	S	○ 580004003	170	S
50	○ 580005001	100	L	○ 580005002	60	L	○ 580005003	40	L
60	○ 580006001	100	L	○ 580006002	60	L	○ 580006003	40	L
70	○ 580007001	160	L	○ 580007002	60	L	○ 580007003	40	L
80	○ 580008001	100	L	○ 580008002	60	L	○ 580008003	40	L
90	○ 580009001	100	L	○ 580009002	60	L	○ 580009003	40	L
100	○ 580010001	100	L	○ 580010002	60	L	○ 580010003	40	L

No. 580	1½"			2"			3"		
	Length (cm)	Code	Box	Code	Box	Code	Box		
10	○ 580001005	300	S	○ 580001006	200	S	○ 580001008	90	S
15	○ 580001505	230	S	○ 580001506	135	S	○ 580001508	60	S
20	○ 580002005	160	S	○ 580002006	100	S	○ 580002008	40	S
25	○ 580002505	140	S	○ 580002506	80	S	○ 580002508	30	S
30	○ 580003005	120	S	○ 580003006	70	S	○ 580003008	30	S
40	○ 580004005	80	S	○ 580004006	50	S	○ 580004008	18	S
50	○ 580005005	65	L	○ 580005006	40	L	○ 580005008	18	L
60	○ 580006005	30	L	○ 580006006	20	L	○ 580006008	8	L
70	○ 580007005	30	L	○ 580007006	20	L	○ 580007008	8	L
80	○ 580008005	30	L	○ 580008006	20	L	○ 580008008	8	L
90	○ 580009005	30	L	○ 580009006	20	L	○ 580009008	8	L
100	○ 580010005	30	L	○ 580010006	20	L	○ 580010008	8	L

No.  
5200

### UPVC Glue



Code	Size (ml)	Packing
520000125	125	1
520000500	500	1
520001000	1000	1
520E00500	500	1
520E01000	1000	1

No.  
420A

### Cleaner for UPVC



Code	Size (ml)	Packing
420A00125	125	1
420A01000	1000	1



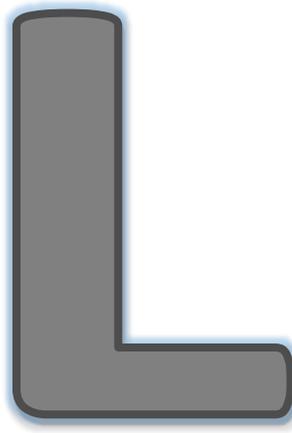
*Streaming Water. Streaming Life!*



# **Cable Applications**

## **Cable Applications**

### **Cable Applications**



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

## Conduit & Fittings

### No. 390 Cable Conduits (EN 61386)



Code	Diameter x Thickness	Length (m)	Packing
390020161	Ø 16 x 13.0 - 0.10	1 met.	1
390020162	Ø 16 x 13.0 - 0.10	2 met.	1
390020163	Ø 16 x 13.0 - 0.10	3 met.	1
390020201	Ø 20 x 16.9 - 0.13	1 met.	1
390020202	Ø 20 x 16.9 - 0.13	2 met.	1
390020203	Ø 20 x 16.9 - 0.13	3 met.	1
390020253	Ø 25 x 21.4 - 0.18	3 met.	1
390020323	Ø 32 x 27.8 - 0.28	3 met.	1
390020383	Ø 38 x 33.5 - 0.36	3 met.	1
390020563	Ø 56 x 52.4 - 0.48	3 met.	1

### 26040 Ducts for Electrical Cables



Code	Diameter x Thickness	Length (m)	Packing
260401106	Ø 110 - 2.2 - Blue	6 met.	1
260401606	Ø 160 - 3.2 - Blue	6 met.	1

### 3810 3-PE Duct



Code	Size (mm)	Bag	Box
38100332001	32 (1 m)		
38100332500	32 (500 m)		
38100332625	32 (625 m)		

### 105 90° Bend



Code	Size (mm)	Bag	Box
105110	110 Short		
105692	110 Long		
105693	160 45o Long		

### No. 280 Ducts for Telecommunication Networks



Code	Diameter x Thickness	Length (m)	Packing
280600906	Ø 90 - 27 - Blue	6 met.	1

### 29060 Ducts for Telecommunication Networks



Code	Diameter x Thickness	Length (m)	Packing
290600906	Ø 90 - 27 - Yellow	6 met.	1

### 27040 Ducts for Electrical Cables



Code	Diameter x Thickness	Length (m)	Packing
270401106	Ø 110 - 2.2 - Blue	6 met.	1

### 3812 Multi Duct



Code	Size (mm)	Bag	Box
38120410001	M4 x 10 mm (1 m)		

### 314 90° Bend



Code	Size (mm)	Bag	Box
314016016	16		75
314020020	20		150
314025025	25		130
314032032	32		80
314038038	38		60
314056056	56		35
314063063	63		
314075075	75		

### 311A Adaptor Female



Code	Size (mm)	Bag	Box
311A00016	16		10 x 100
311A00020	20		10 x 100
311A02016	20 x 16		10 x 100

### 201 Plug For Pipes



Code	Size (mm)	Bag	Box
201000090	90		120
201000110	110		160
201000160	160		45

### 315 Junction Box Cover



Code	Size (mm)	Bag	Box
315B00070	70		50 x 25

### 318 Junction Box Cover



Code	Size (mm)	Bag	Box
318000090	90		40 x 25

### 317 Switch Box Cover



Code	Size (mm)	Bag	Box
317085085	85 x 85		10 x 25

### 317A Cover



Code	Size (mm)	Bag	Box
317A85085	85 x 85		100
317A85170	85 x 170		

### 231 Junction Box



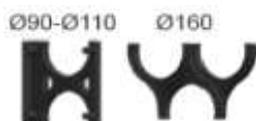
Code	Size (mm)	Bag	Box
231002016	16		100
231002020	20		100

### 231E Junction Box with Extension



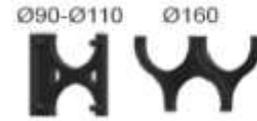
Code	Size (mm)	Bag	Box
231E02016	16		100
231E02020	20		100

### 251 Spacers for Cable Applications



Code	Size (mm)	Bag	Box
251005090	Socket 90		

### 100 Spacers for Cable Applications



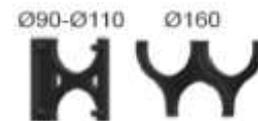
Code	Size (mm)	Bag	Box
100100045	45		40

### 312 Coupling



Code	Size (mm)	Bag	Box
312016016	16		12 x 100
312020020	20		8 x 100
312025025	25		10 x 50
312032032	32		5 x 50
312038038	38		7 x 25

### 200 Spacers for Cable Applications



Code	Size (mm)	Bag	Box
200000090	90		40
200000110	110		40
200A00160	160		20



*Streaming Water. Streaming Life!*



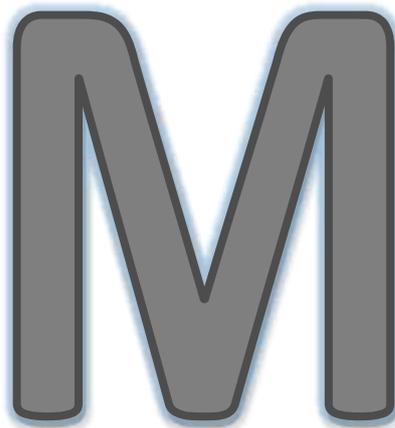
# **Plastic Pipes & Fittings** **(Building & Industry)**

**Plastic Pipes & Fittings**

**(Building & Industry)**

**Plastic Pipes & Fittings**

**(Building & Industry)**



- **Agriculture**
- **Landscape**
- **Building Infrastructure**
- **Industry**

Elysée offers a comprehensive range of pipes and fittings, designed for all soil and waste discharge applications for commercial, industrial, housing and public sector developments. Our Soil, Waste, Underground & Overflow piping systems are available in a complete range of imperial series from Ø1¼" up to Ø4" and straight lengths of 3, 4 and 6 meters. The systems can be found in six different colours of Olive Grey, Black, White, Light Grey and Terracotta to satisfy all tastes.

In order to ensure that all requirements of standards and regulations are fulfilled, Elysée's U-PVC plastics piping systems, are tested according to standards requirements in our well-equipped testing room.

Furthermore, Elysée EN 1329 piping systems are being tested and certified according to EN 1329, by external third party certification body (CERTIF PORTUGAL). Product certification has been obtained, ensuring EN 1329 compliance.

EN 1329 specifies the requirements for U-PVC piping systems regarding: Materials, Appearance, Colour, Geometrical Characteristics, Mechanical Characteristics, Physical Characteristics, Performance requirements, Specifications for the Sealing Ring.

## Quality Management

Our Quality management system ensures top-class products in terms of performance, reliability and durability. This is a crucial parameter to ensure customer satisfaction and loyalty. Elysée quality system, ISO 9001, is approved by CCC and IQNet.

## Certifications

Elysée's Soil and Waste piping systems comply with the EN 1329 European standard: Plastics piping systems for soil & waste discharge within the building structure. EN 1329 specifies the requirements and characteristics for soil and waste piping systems which are intended for outside the building structure or buried in ground within the building structure and outside the building. In compliance with this standard, Elysée ensures stable supply of reliable products with assured quality.

## Dimensions and Characteristics

Nominal dimensions of the piping systems regarding the mean outside diameters, nominal wall thickness and their tolerances comply with the dimensions determined in the relevant standard of EN 1329-1.

## Materials

Elysée pressure piping systems are produced by U-PVC raw material which can be enhanced with additives in order to optimize its quality performance. The compound and formulation consist of U-PVC resin and the required additives are specified by EN 1329-1 European Standard.

## Appearance

The internal and external surface of the U-PVC pipes are smooth, free from grooving and any other surface imperfections so as to comply with the requirements of EN 1329 - 1.

## Marking

All pipes are marked at intervals of equal length of 1 meter in consistency and the marking include:

Manufacturer name  
 Number of the International Standard  
 Material  
 Nominal outside diameter x wall thickness  
 Nominal Pressure  
 Manufacturer's Information (Date Code)

The codes presented on pipes and fittings indicate the application area, as follows:

- B: Application area code for components intended for use above ground inside the building, or for components outside buildings fixed onto the wall
- BD: Application area code for components intended for use for both B and D.



## Chemical Resistance

Chemicals can affect the strength, flexibility, surface appearance, colour, dimensions or weight of U-PVC products. The basic modes of interaction which cause these changes are:

Chemical attack on the polymer chain, which results in reduction of physical properties

Physical change, including absorption of solvents resulting in softening and swelling of the plastic

Stress cracking from the interaction of a "stress cracking agent" with internal or external stresses

The following table provides chemical resistance data of U-PVC piping systems:

Whereas: A: Recommended, B: Minor Effect, C: Not Suitable.

Chemical	Effect	Chemical	Effect	Chemical	Effect
Acetic Acid	C	Ethyl Chloride, Dry	C	Potassium Chloride	A
Acetic Anhydride	C	Ethylene Glycol	A	Potassium Hydroxide	A
Acetone	C	Ethylene Oxide M	C	Potassium Nitrate M	A
Acetylene, Dry	C	Ferric Chloride	B	Potassium Nitrite M	A
Acrolein	C	Ferric Sulphate	A	Potassium Permanganate	B
Aluminium Chloride	A	Ferrous Chloride	A	Propane	A
Aluminium Sulphate	A	Ferrous Sulphate	A	Rosin	A
Ammonia Anhydrous	C	Fluorine, Gas Dry	C	Sea Water	A
Ammonium Chloride	A	Fluorosilicic Acid	B	Sewage, Raw	A
Ammonium Hydroxide	A	Formaldehyde	A	Silver Nitrate M	A
Ammonium Nitrate M	A	Formic Acid	B	Sodium Bicarbonate	A
Ammonium Sulphate	A	Furfural	C	Sodium Bisulphate	A
Amyl Acetate	C	Gasoline	A	Sodium Bisulfited	A
Aniline	B	Glucose	A	Sodium Carbonate	A
Benzene	B	Glycerine	A	Sodium Chloride	A
Benidine	A	Hexane, Dry	A	Sodium Cyanide	A
Benzoic Acid	A	Hydrobromic Acid	A	Sodium Dichromate	B
Black Liquor	A	Hydrochloric Acid	C	Sodium Hydroxide	B
Boric Acid	A	Hydrofluoric Acid	C	Sodium Hydroxide	A
Bromine, Dry M	C	Hydrogen	A	Sodium Nitrate	A
Bromobenzene	C	Kerosene	A	Sodium Peroxide	A
Butadiene	C	Lactic Acid	A	Sodium Phosphate	A
Butane	C	Magnesium Chloride	A	Sodium Silicate	A
Butyl Alcohol	C	Magnesium Sulphate	A	Sodium Sulphate	A
Butyric Acid	C	Mercuric Chloride	A	Sodium Sulphide	A
Calcium Chloride	B	Mercury	A	Sodium Thiosulfate	A
Calcium Hydroxide	A	Methyl Ethyl Ketone	C	Stannous Chloride	A
Calcium Hypochlorite M	A	Milk	B	Stearic Acid	A
Chlorinated Water	C	Naphtha	A	Stoddard Solvent	C
Chlorine, Dry M	C	Naphthalene	B	Sulphur	C
Chlorine, Moist M	C	Nickel Chloride	A	Sulphur Dioxide, Wet	B
Chloroacetic Acid	A	Nickel Sulphate	A	Sulphur Trioxide, Dry	A
Chloroform, Dry	C	Nitric Acid M	B	Sulfuric Acid <60% M	A
Chromic Acid	B	Nitrous Oxide	A	Sulfuric Acid 80-98% M	A
Copper Nitrate M	A	Oxalic Acid	A	Tannic Acid	A
Creosote	C	Oxygen Gas	A	Tartaric Acid	B
Cresol	B	Ozone M	B	Tin Chloride	B
Crude Oil - Sour	C	Palmitic Acid	B	Toluene (Toluol)	C
Dowtherm A	C	Phenol	A	Trichloroethylene, Dry	C
Ethyl Acetate	C	Phosphoric Acid	A	Urea	A
Ethyl Alcohol	A	Picric Acid	A	Vinyl Chloride	A

## Overflow Pipes & Fittings

Solvent Pipes

No. **581**  
**Overflow Pipes**



Code	Size - Color	met.	Pack	
581020014	Ø 20 - White	4	1	
581020013	Ø 20 - White	3	1	
581010013	Ø 20 - Black	3	1	U

Overflow Fittings Solvent

No. **837**  
**Tee**



Code	Size - Color	Bag	Box	
8372020020	Ø 20 - White	50	700	S

Overflow Fittings Solvent

No. **834**  
**Knuckle Bend**



Code	Size - Color	Bag	Box	
8342020020	Ø 20 - White	50	1000	S

Overflow Fittings Solvent

No. **835**  
**45° Bend**



Code	Size - Color	Bag	Box	
8352020020	Ø 20 - White	50	1300	S

Overflow Fittings Solvent

No. **832**  
**Coupler**



Code	Size - Color	Bag	Box	
8322020020	Ø 20 - White	50	1500	S

Overflow Fittings Solvent

No. **832**  
**Reducer**



Code	Size - Color	Bag	Box	
8322032020	Ø 36 x 20 - White	50	1200	S
8322040020	Ø 43 x 20 - White	50	800	S

Overflow Fittings Solvent

No. **830**  
**Tank Connector**



Code	Size - Color	Bag	Box	
830202002	Ø 20 x 3/4" (White)	25	1000	S

Overflow Fittings Solvent

No. **834**  
**Bend Tank Connector**



Code	Size - Color	Bag	Box	
834A22002	Ø 20 x 3/4" (White)	25	1000	S

## Waste Pipes & Fittings

Solvent Pipes

No. **681**  
**Waste Pipes (3 met.)**



Code	Size - Color	Bag	Box
681000363	Ø 36 - Olive Grey	3	1
681000433	Ø 43 - Olive Grey	3	1
681000563	Ø 56 - Olive Grey	3	1
681010363	Ø 36 - Black	3	1
681010433	Ø 43 - Black	3	1
681010563	Ø 56 - Black	3	1
681020363	Ø 36 - White	3	1
681020433	Ø 43 - White	3	1
681020563	Ø 56 - White	3	1

Solvent Pipes

No. **681**  
**Waste Pipes (4 met.)**



Code	Size - Color	Bag	Box
681000364	Ø 36 - Olive Grey	4	1
681000434	Ø 43 - Olive Grey	4	1
681000564	Ø 56 - Olive Grey	4	1
681010364	Ø 36 - Black	4	1
681010434	Ø 43 - Black	4	1
681010564	Ø 56 - Black	4	1
681020364	Ø 36 - White	4	1
681020434	Ø 43 - White	4	1
681020564	Ø 56 - White	4	1

Waste Fittings Solvent

No. **614**  
**Bend 92° DS**



Code	Size - Color	Bag	Box
6140032032	36 - Olive Grey	10	250 L
6140040040	43 - Olive Grey	10	200 L
6140050050	56 - Olive Grey	5	80 L
6141032032	36 - Black	10	250 L
6141040040	43 - Black	10	200 L
6141050050	56 - Black	5	80 L
6142032032	36 - White	10	250 L
6142040040	43 - White	10	200 L
6142050050	56 - White	5	80 L

Waste Fittings Solvent

No. **615**  
**Bend 45° DS**



Code	Size - Color	Bag	Box
6150032032	36 - Olive Grey	10	300 L
6150040040	43 - Olive Grey	10	200 L
6150050050	56 - Olive Grey	5	110 L
6151032032	36 - Black	10	300 L
6151040040	43 - Black	10	200 L
6151050050	56 - Black	5	110 L
6152032032	36 - White	10	300 L
6152040040	43 - White	10	200 L
6152050050	56 - White	5	110 L

## Waste Fittings

Waste Fittings Solvent

No. **Branch 92° TS**  
**617**



Code	Size - Color	Bag	Box	
6170032032	36 - Olive Grey	10	180	L
6170040040	43 - Olive Grey	10	100	L
6170050050	56 - Olive Grey	5	50	L
6171032032	36 - Black	10	180	L
6171040040	43 - Black	10	100	L
6171050050	56 - Black	5	50	L
6172032032	36 - White	10	180	L
6172040040	43 - White	10	100	L
6172050050	56 - White	5	50	L

Waste Fittings Solvent

No. **Branch 45° TS**  
**618**



Code	Size - Color	Bag	Box	
6180032032	36 - Olive Grey	10	150	L
6180040040	43 - Olive Grey	10	100	L
6180050050	56 - Olive Grey	5	50	L
6181032032	36 - Black	10	150	L
6181040040	43 - Black	10	100	L
6181050050	56 - Black	5	50	L
6182032032	36 - White	10	150	L
6182040040	43 - White	10	100	L
6182050050	56 - White	5	50	L

Waste Fittings Solvent

No. **Access Cap**  
**613**



Code	Size - Color	Bag	Box	
6130000032	36 - Olive Grey	10	400	L
6130000040	43 - Olive Grey	10	280	L
6130000050	56 - Olive Grey	5	130	L
6131000032	36 - Black	10	400	L
6131000040	43 - Black	10	280	L
6131000050	56 - Black	5	130	L
6132000032	36 - White	10	400	L
6132000040	43 - White	10	280	L
6132000050	56 - White	5	130	L

Waste Fittings Solvent

No. **Reducer**  
**612**



Code	Size - Color	Bag	Box	
6120040032	43 x 36 - Olive Grey	10	700	L
6120050040	56 x 43 - Olive Grey	5	325	L
6120050032	56 x 36 - Olive Grey	5	400	L
6121040032	43 x 36 - Black	10	700	L
6121050040	56 x 43 - Black	5	325	L
6121050032	56 x 36 - Black	5	400	L
6122040032	43 x 36 - White	10	700	L
6122050040	56 x 43 - White	5	325	L
6122050032	56 x 36 - White	5	400	L

## Waste Fittings

Waste Fittings Solvent

No. **610**  
**Male Threaded Adaptor (BSPM)**



Code	Size - Color	Bag	Box	
6100003204	36 x 1¼" - Olive Grey	10	500	S
6100004005	43 x 1½" - Olive Grey	10	250	S
6100005006	56 x 2" - Olive Grey	5	200	S
6101003204	36 x 1¼" - Black	10	500	S
6101004005	43 x 1½" - Black	10	250	S
6101005006	56 x 2" - Black	5	200	S
6102003204	36 x 1¼" - White	10	500	S
6102004005	43 x 1½" - White	10	250	S
6102005006	56 x 2" - White	5	200	S

Waste Fittings Solvent

No. **612**  
**Coupler DS**



Code	Size - Color	Bag	Box	
6120032032	36 x 36 - Olive Grey	10	400	L
6120040040	43 x 43 - Olive Grey	10	250	L
6120050050	56 x 56 - Olive Grey	5	150	L
6121032032	36 x 36 - Black	10	400	L
6121040040	43 x 43 - Black	10	250	L
6121050050	56 x 56 - Black	5	150	L
6122032032	36 x 36 - White	10	400	L
6122040040	43 x 43 - White	10	250	L
6122050050	56 x 56 - White	5	150	L

Waste Fittings Solvent

No. **622**  
**Floor Trap**



Code	Size - Color	Bag	Box	
6222050050	56 / 43 - White		80	L

Waste Fittings Solvent

No. **611**  
**Female Threaded Adaptor (BSPM)**



Code	Size - Color	Bag	Box	
6110003204	36 x 1¼" - Olive Grey	10	500	S
6110004005	43 x 1½" - Olive Grey	10	220	S
6110005005	56 x 1½" - Olive Grey	5	200	S
6110005006	56 x 2" - Olive Grey	5	200	S
6111003204	36 x 1¼" - Black	10	500	S
6111004005	43 x 1½" - Black	10	220	S
6111005005	56 x 1½" - Black	5	200	S
6111005006	56 x 2" - Black	5	200	S
6112003204	36 x 1¼" - White	10	500	S
6112004005	43 x 1½" - White	10	220	S
6112005005	56 x 1½" - White	5	200	S
6112005006	56 x 2" - White	5	200	S

## Waste Fittings

Waste Fittings Solvent

No. **616**  
**Knuckle Bend 92° D**



Code	Size - Color	Bag	Box	
6160032032	36 - Olive Grey	10	300	L
6160040040	43 - Olive Grey	10	200	L
6160050050	56 - Olive Grey	5	90	L
6161032032	36 - Black	10	300	L
6161040040	43 - Black	10	200	L
6161050050	56 - Black	5	90	L
6162032032	36 - White	10	300	L
6162040040	43 - White	10	200	L
6162050050	56 - White	5	90	L

Waste Fittings Solvent

No. **616**  
**Conversion Knuckle Bend 92° SS**



Code	Size - Color	Bag	Box	
616A032032	36 - Olive Grey	10	250	L
616A040040	43 - Olive Grey	10	180	L
616A050050	56 - Olive Grey	5	120	L
616A132032	36 - Black	10	250	L
616A140040	43 - Black	10	180	L
616A150050	56 - Black	5	120	L
616A232032	36 - White	10	250	L
616A240040	43 - White	10	180	L
616A250050	56 - White	5	120	L

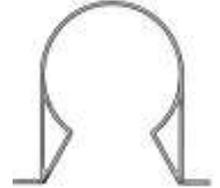
Waste Fittings Solvent

No. **615**  
**Conversion Bend 45° SS**



Code	Size - Color	Bag	Box	
615A032032	36 - Olive Grey	10	300	L
615A040040	43 - Olive Grey	10	250	L
615A050050	56 - Olive Grey	5	130	L
615A132032	36 - Black	10	300	L
615A140040	43 - Black	10	250	L
615A150050	56 - Black	5	130	L
615A232032	36 - White	10	300	L
615A240040	43 - White	10	250	L
615A250050	56 - White	5	130	L

No. **817**  
**Pipe Clip**



817C000032	36 - Olive Grey	10	1000	L
817C000040	43 - Olive Grey	10	800	L
817C000050	56 - Olive Grey	5	500	L
817C000110	110 - Olive Grey		130	L
817C100032	36 - Black	10	1000	L
817C100040	43 - Black	10	800	L
817C100050	56 - Black	5	500	L
817C100110	110 - Black		130	L
817C200032	36 - White	10	1000	L
817C200040	43 - White	10	800	L
817C200050	56 - White	5	500	L
817C200110	110 - White		130	L

## Soil Pipes & Fittings

Soil Pipes

No. **671**  
**Soil Pipes (3 met.)**



Code	Size - Color	Bag	Box
671000823	Ø 82 - Grey	3	1

Soil Pipes

No. **692**  
**Soil Pipes with Ring**



Code	Size - Color	Bag	Box
692001103	Ø 110 - Grey	3	1
692041103	Ø 110 - Light Grey	3	1
692071103	Ø 110 - Red-Brown	3	1

Soil Pipes

No. **691**  
**Soil Pipes (3 met.)**



Code	Size - Color	Bag	Box
691001103	Ø 110 - Black	3	1
691041103	Ø 110 - Grey	3	1
691071103	Ø 110 - Terracotta	3	1

Soil Fittings Solvent

No. **614**  
**Bend 92° SS**



Code	Size - Color	Bag	Box
614A000110	110 - Olive Grey	28	L
614A100110	110 - Black	28	L

Soil Fittings Solvent

No. **614**  
**Bend 92° DS**



Code	Size - Color	Bag	Box
6140082082	82 - Olive Grey	40	L
6140110110	110 - Olive Grey	28	L
6141110110	110 - Black	28	L

Soil Fittings Solvent

No. **614**  
**Access Door Bend 9° DS**



Code	Size - Color	Bag	Box
614B000082	82 - Olive Grey	35	L
614B000110	110 - Olive Grey	20	L
614B100110	110 - Black	20	L

Soil Fittings Solvent

No. **614**  
**Access Door Bend 9° SS**



Code	Size - Color	Bag	Box
614C000110	110 - Olive Grey	20	L
614C100110	110 - Black	20	L

## Soil Fittings

Soil Fittings

No. **664**  
**Bend 92° DS Push F**



Code	Size - Color	Bag	Box
6640110110	110 - Olive Grey		25 L
6641110110	110 - Black		25 L

Soil Fittings

No. **664**  
**Bend 92° SS Push**



Code	Size - Color	Bag	Box
664A000110	110 - Olive Grey		25 L
664A100110	110 - Black		25 L

Soil Fittings

No. **664**  
**Access Door Bend 9 DS Push Fit**



Code	Size - Color	Bag	Box
664B000110	110 - Olive Grey		20 L
664B100110	110 - Black		20 L

Soil Fittings

No. **664**  
**Access Door Bend 9 SS Push Fit**



Code	Size - Color	Bag	Box
664C000110	110 - Olive Grey		20 L
664C100110	110 - Black		20 L

Soil Fittings Solvent

No. **615**  
**Bend 45° DS**



Code	Size - Color	Bag	Box
6150082082	82 - Olive Grey		70 L
6150110110	110 - Olive Grey		40 L
6151110110	110 - Black		40 L

Soil Fittings Solvent

No. **615**  
**Bend 45° SS**



Code	Size - Color	Bag	Box
615A000110	110 - Olive Grey		40 L
615A100110	110 - Black		40 L

Soil Fittings

No. **665**  
**Bend 45° DS Push Fit**



Code	Size - Color	Bag	Box
6650110110	110 - Olive Grey		40 L
6651110110	110 - Black		40 L

Soil Fittings

No. **665**  
**Bend 45° SS Push Fit**



Code	Size - Color	Bag	Box
665A000110	110 - Olive Grey		45 L
665A100110	110 - Black		45 L

## Soil Fittings

Soil Fittings

No. **665**  
**Bend 30° SS Push Fit**



Code	Size - Color	Bag	Box
665A030110	110 - Olive Grey		45 L
665A130110	110 - Black		45 L

Soil Fittings

No. **665**  
**Bend 30° DS Push Fit**



Code	Size - Color	Bag	Box
6650030110	110 - Olive Grey		45 L
6651030110	110 - Black		45 L

Soil Fittings

No. **665**  
**Bend 15° SS Push Fit**



Code	Size - Color	Bag	Box
665A015110	110 - Olive Grey		45 L
665A115110	110 - Black		45 L

Soil Fittings

No. **665**  
**Bend 15° DS Push Fit**



Code	Size - Color	Bag	Box
6650015110	110 - Olive Grey		45 L
6651015110	110 - Black		45 L

Soil Fittings Solvent

No. **617**  
**Branch 92° DS**



Code	Size - Color	Bag	Box
617A000110	110 - Olive Grey		17 L
617A100110	110 - Black		17 L

Soil Fittings Solvent

No. **617**  
**Branch 92° TS**



Code	Size - Color	Bag	Box
6170082082	82 - Olive Grey		30 L
6170110110	110 - Olive Grey		17 L
6171110110	110 - Black		17 L

Soil Fittings Solvent

No. **617**  
**Access Door Branch 92° DS**



Code	Size - Color	Bag	Box
617C000110	110 - Olive Grey		15 L
617C100110	110 - Black		15 L

Soil Fittings Solvent

No. **617**  
**Access Door Branch 92° TS**



Code	Size - Color	Bag	Box
617B000082	82 - Olive Grey		26 L
617B000110	110 - Olive Grey		15 L
617B100110	110 - Black		15 L

## Waste Fittings

Soil Fittings

No. **667**  
**Branch 92° TS Push Fit**



Code	Size - Color	Bag	Box
6670030110	110 - Olive Grey		14 L
6671030110	110 - Black		14 L

Soil Fittings

No. **667**  
**Branch 92° DS Push Fit**



Code	Size - Color	Bag	Box
667A000110	110 - Olive Grey		14 L
667A100110	110 - Black		14 L

Soil Fittings

No. **667**  
**Access Door Branch 92° TS Push Fit**



Code	Size - Color	Bag	Box
667B000110	110 - Olive Grey		12 L
667B100110	110 - Black		12 L

Soil Fittings

No. **667**  
**Access Door Branch 92° DS Push Fit**



Code	Size - Color	Bag	Box
667C000110	110 - Olive Grey		12 L
667C100110	110 - Black		12 L

Soil Fittings Solvent

No. **618**  
**Branch 45° TS**



Code	Size - Color	Bag	Box
6180082082	82 - Olive Grey		36 L
6180110110	110 - Olive Grey		17 L
6181110110	110 - Black		17 L

Soil Fittings Solvent

No. **618**  
**Soil Branch 45° DS**



Code	Size - Color	Bag	Box
618A000110	110 - Olive Grey		17 L
618A100110	110 - Black		17 L

Soil Fittings

No. **668**  
**Branch 45° TS Push Fit**



Code	Size - Color	Bag	Box
6680030110	110 - Olive Grey		15 L
6681030110	110 - Black		15 L

Soil Fittings

No. **668**  
**Branch 45° DS Push Fit**



Code	Size - Color	Bag	Box
668A000110	110 - Olive Grey		15 L
668A100110	110 - Black		15 L

Soil Fittings Solvent

No. **662**  
**Coupler / Push Fit**



Code	Size - Color	Bag	Box
662C000110	110 - Olive Grey		48 L
662C100110	110 - Black		48 L
662C200110	110 - White		48 L

Soil Fittings Solvent

No. **613**  
**Access Cap**



Code	Size - Color	Bag	Box
6130000082	82 - Olive Grey		180 L
6130000110	110 - Olive Grey		65 L
6131000110	110 - Black		65 L

Soil Fittings

No. **662**  
**Slip Coupler Push Fit (without Stop)**



Code	Size - Color	Bag	Box
662B000110	110 - Olive Grey		48 L
662B100110	110 - Black		48 L
662B200110	110 - White		48 L

Soil Fittings Solvent

No. **612**  
**Coupler DS**



Code	Size - Color	Bag	Box
6120082082	82 - Olive Grey		150 L
6120110110	110 - Olive Grey		80 L
6121110110	110 - Black		80 L

Soil Fittings

No. **662**  
**Coupler DS Push Fit**



Code	Size - Color	Bag	Box
6620110110	110 - Olive Grey		48 L
6621110110	110 - Black		48 L

Soil Fittings Solvent

No. **612**  
**Slip Coupler**



Code	Size - Color	Bag	Box
612B000110	110 - Olive Grey		80 L
612B100110	110 - Black		80 L

Soil Fittings Solvent

No. **612**  
**Reducer**



Code	Size - Color	Bag	Box
6120082050	82 x 56 - Olive Grey		130 L
6120110050	110 x 56 - Olive Grey		80 L
6120110082	110 x 80 - Olive Grey		80 L
6121110050	110 x 56 - Black		80 L
6121110082	110 x 80 - Black		80 L

Soil Fittings Solvent

No. **621**  
**Soil Vent Cowl**



Code	Size - Color	Bag	Box
621A000110	110 - Olive Grey		200 L
621A100110	110 - Black		200 L
621A200110	110 - White		200 L

## Waste Fittings

Soil Fittings Solvent

No. **621**  
**Soil Vent Terminal**



Code	Size - Color	Bag	Box	
6210050050	56 - Olive Grey		500	L
6210082082	82 - Olive Grey		450	L
6210110110	110 - Olive Grey		250	L
6211050050	56 - Black		500	L
6211110110	110 - Black		250	L

Soil Fittings Solvent

No. **617**  
**Boss Pipe Connector SS**



Code	Size - Color	Bag	Box	
617D0115643	110 x 56 x 43 - Olive Grey		27	L
617D1115643	110 x 56 x 43 - Black		27	L

Soil Fittings Solvent

No. **631**  
**Gully Trap Type "A"**



Code	Size - Color	Bag	Box	
6311000110	82 x 56 - Olive Grey		24	L

Soil Fittings Solvent

No. **632**  
**Gully Trap Type "B"**



Code	Size - Color	Bag	Box	
6320110082	110 x 82 x 56 - Olive Grey		24	L

Soil Fittings Solvent

No. **617**  
**Boss Pipe Connector DS**



Code	Size - Color	Bag	Box	
6170110032	110 x 36 - Olive Grey		38	L
6170110040	110 x 43 - Olive Grey		38	L
6170110050	110 x 56 - Olive Grey		36	L
6171110032	110 x 36 - Black		38	L
6171110040	110 x 43 - Black		38	L
6171110050	110 x 56 - Black		36	L

Soil Fittings Solvent

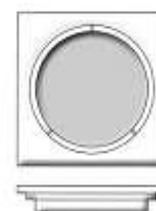
No. **617**  
**Short Boss Connector DS (Requires Boss Adaptor)**



Code	Size - Color	Bag	Box	
6170110063	110 x 63 - Olive Grey		36	L
6171110063	110 x 63 - Black		36	L

Soil Fittings

No. **626**  
**Floor Gully Intel (Polypropylene)**



Code	Size - Color	Bag	Box	
6262145145	145 x 145 - White		96	L

Soil Fittings Solvent

No. **619**  
**Tee Boss Adaptor**



Code	Size - Color	Bag	Box
6190050032	56 x 36 - Olive Grey		400 L
6190050040	56 x 43 - Olive Grey		370 L
6190050050	56 x 56 - Olive Grey		300 L
6191050032	56 x 36 - Black		400 L
6191050040	56 x 43 - Black		370 L
6191050050	56 x 56 - Black		300 L
6192050032	56 x 36 - White		400 L
6192050040	56 x 43 - White		370 L
6192050050	56 x 56 - White		300 L

Soil Fittings Solvent

No. **624**  
**Boss Connector (2 pieces)**



Code	Size - Color	Bag	Box
6240110040	110 x 43 - Olive Grey		200 L
6240110050	110 x 56 - Olive Grey		150 L

Soil Fittings

No. **624**  
**Strap Boss Open Type "B"**



Code	Size - Color	Bag	Box
624B000110	110 x 56 - Olive Grey		70 L
624B100110	110 x 56 - Black		70 L

Soil Fittings

No. **624**  
**Strap Boss Open Type "A"**



Code	Size - Color	Bag	Box
624A011050	110 x 56 - Olive Grey		70 L
624A011063	110 x 63 - Olive Grey		65 L
624A111050	110 x 56 - Black		70 L
624A111063	110 x 63 - Black		65 L

Soil Fittings Solvent

No. **625**  
**Access Door Pipe DS**



Code	Size - Color	Bag	Box
6250000110	110 x 63 - Olive Grey		20 L
6251000110	110 x 63 - Black		20 L

Soil Fittings Solvent

No. **625**  
**Access Door Pipe SS**



Code	Size - Color	Bag	Box
625A000110	110 x 63 - Olive Grey		20 L
625A100110	110 x 63 - Black		20 L

## Waste Fittings

Soil Fittings

No. **675**  
**Access Door Pipe DS**  
**Push Fit**



Code	Size - Color	Bag	Box	
6750000110	110 x 63 - Olive Grey		18	L
6751000111	110 x 63 - Black		18	L

Soil Fittings

No. **675**  
**Access Door Pipe SS**  
**Push Fit**



Code	Size - Color	Bag	Box	
675A000110	110 x 63 - Olive Grey		18	L
675A100110	110 x 63 - Black		18	L

Soil Fittings Solvent

No. **614**  
**Conversion Knuckle**  
**Bend 92° SS**



Code	Size - Color	Bag	Box	
614L000110	110 - Olive Grey		36	L
614L100110	110 - Black		36	L

Soil Fittings Solvent

No. **616**  
**Knuckle Bend 92° DS**



Code	Size - Color	Bag	Box	
6160110110	110 - Olive Grey		36	L
6161110110	110 - Black		36	L

No. **P62**  
**Boss Rubber Adaptor**



P6240063032	63 x 36 - Black		300	L
P6240063040	63 x 43 - Black		300	L
P6240063056	63 x 56 - Black		300	L

# Plastic Pipes & Fittings (Buildings & Industry)

## Underground Sewer Pipes & Fittings (EN 1401)

Suspesedes BS4660 & BS5481

No. **Sewerage Pipes Series**  
**7905 51 EN 1401-1**



Code	Diameter x Thickness	Weight (Kg/m)	Packing
<b>SDR 51</b>			
790511606	Ø 160 x 3.2	2,41	1 P
790512006	Ø 200 x 3.9	3,62	1 P
790512506	Ø 250 x 4.9		1 P
790513156	Ø 315 x 6.2	9,02	1 P
790514006	Ø 400 x 7.9	14,50	1 P

Suspesedes BS4660 & BS5481

No. **Sewerage Pipes Series**  
**7904 41 EN 1401-1**



Code	Diameter x Thickness	Weight (Kg/m)	Packing
<b>SDR 41</b>			
790411606	Ø 160 x 3.9	2,94	1 P
790412006	Ø 200 x 4.9	4,57	1 P
790412506	Ø 250 x 6.2	7,12	1 P
790413156	Ø 315 x 7.5	11,10	1 P
790414006	Ø 400 x 9.8	17,80	1 P

Suspesedes BS4660 & BS5481

No. **Sewerage Pipes Series**  
**7903 34 EN 1401-1**



Code	Diameter x Thickness	Weight (Kg/m)	Packing
<b>SDR 34</b>			
790341106	Ø 110 x 3.2	1,64	1 P
790341606	Ø 160 x 4.7	3,44	1 P
790342006	Ø 200 x 5.9	5,37	1 P
790342506	Ø 250 x 7.3	8,31	1 P
790343156	Ø 315 x 9.2	13,20	1 P
790344006	Ø 400 x 11.7	21,10	1 P

Underground Sewer Fittings

No. **Coupler DS**  
**712**



Code	Size - Color	Bag	Box
7127110110	110 - Terracotta		48 L

No. **Coupling Straight without Stop**  
**712**



Code	Size - Color	Bag	Box
712A700110	110		48

Underground Sewer Fittings

No. **Access Cap**  
**713**



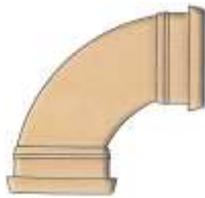
Code	Size - Color	Bag	Box
7137000110	110 - Terracotta		65 L

# Plastic Pipes & Fittings (Buildings & Industry)

## Underground Sewer Fittings (EN 1401)

Underground Sewer Fittings

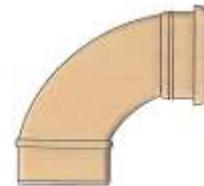
No. **Bend 92° DS**  
**714**



Code	Size - Color	Bag	Box
7147900110	110 - Terracotta		25 L

Underground Sewer Fittings

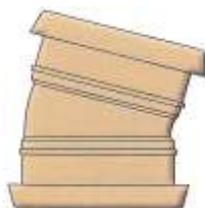
No. **Bend 92° SS**  
**714**



Code	Size - Color	Bag	Box
714A700110	110 - Terracotta		25 L

Underground Sewer Fittings

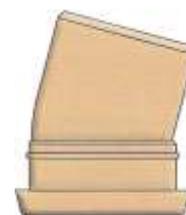
No. **Bend 15° DS**  
**715**



Code	Size - Color	Bag	Box
7157150110	110 - Terracotta		45 L

Underground Sewer Fittings

No. **Bend 15° SS**  
**715**



Code	Size - Color	Bag	Box
715A715110	110 - Terracotta		45 L

Underground Sewer Fittings

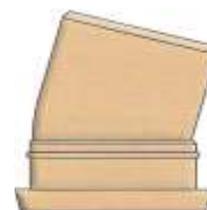
No. **Bend 30° DS**  
**715**



Code	Size - Color	Bag	Box
7157300110	110 - Terracotta		45 L

Underground Sewer Fittings

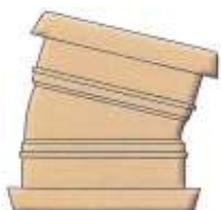
No. **Bend 30° SS**  
**715**



Code	Size - Color	Bag	Box
715A730110	110 - Terracotta		45 L

Underground Sewer Fittings

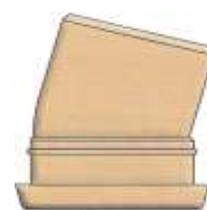
No. **Bend 45° DS**  
**715**



Code	Size - Color	Bag	Box
7157450110	110 - Terracotta		45 L

Underground Sewer Fittings

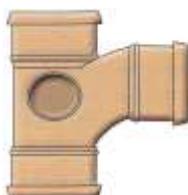
No. **Bend 45° SS**  
**715**



Code	Size - Color	Bag	Box
715A745110	110 - Terracotta		45 L

Underground Sewer Fittings

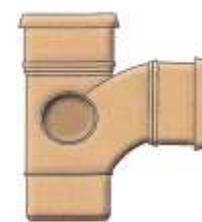
No. **Branch 92° TS**  
**717**



Code	Size - Color	Bag	Box
7177110110	110 - Terracotta		14 L

Underground Sewer Fittings

No. **Branch 92° DS**  
**717**

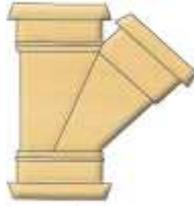


Code	Size - Color	Bag	Box
717A700110	110 - Terracotta		14 L

## Underground Sewer Fittings (EN 1401)

Underground Sewer Fittings

No. **718**  
**Branch 45° TS**



Code	Size - Color	Bag	Box	
7187110110	110 - Terracotta		14	L

Underground Sewer Fittings

No. **718**  
**Branch 45° DS**



Code	Size - Color	Bag	Box	
718A700110	110 - Terracotta		14	L

Underground Sewer Fittings

No. **721**  
**Bottle Trap**



Code	Size - Color	Bag	Box	
7210160110	160 x 110 - Terracotta		10	L

Underground Sewer Fittings

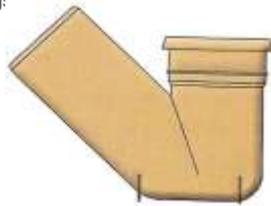
No. **721**  
**Bottle Trap Rear Inlet**



Code	Size - Color	Bag	Box	
721A160110	160 x 110 x 110 - Terracotta		10	L

Underground Sewer Fitting

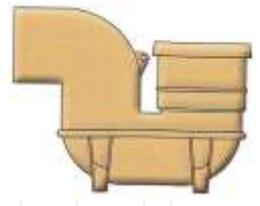
No. **722**  
**V-Trap SS**



Code	Size - Color	Bag	Box	
7227000110	110 - Terracotta		15	L

Underground Sewer Fittings

No. **721**  
**P-Trap SS**



Code	Size - Color	Bag	Box	
7217000110	110 - Terracotta		10	L

Underground Sewer Fittings

No. **723**  
**Square Grid (Polypropylene)**



Code	Size - Color	Bag	Box	
723A000000	156 x 156 - Black		120	L

Underground Sewer Fittings

No. **723**  
**Square Hopper Spigot End**



Code	Size - Color	Bag	Box	
7237000110	110 - Terracotta		12	L



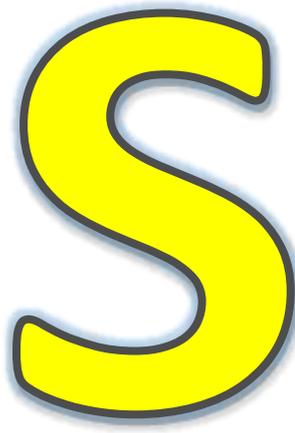
*Streaming Water. Streaming Life!*



# Barcoded Products

## Barcoded Products

### Barcoded Products



- Agriculture
- Landscape
- Building Infrastructure
- Industry

ε - Epsilon Series (Metric - PN 16 bar)

No. **320**  
Epsilon Series PN16  
**Adaptor Male**



Code	Size	Bag	Box	
320001601S	16 x 3/8"	25	750	L
320001602S	16 x 1/2"	25	750	L
320002001S	16 x 3/4"	25	750	L
320002002S	20 x 1/2"	25	500	L
320002003S	20 x 3/4"	25	500	L
320002501S	20 x 1"	25	450	L
320002502S	25 x 1/2"	20	360	L
320002503S	25 x 3/4"	20	320	L
320003201S	25 x 1"	20	320	L
320003202S	32 x 1/2"	10	180	L
320003203S	32 x 3/4"	10	180	L
320003204S	32 x 1"	10	180	L
320003205S	32 x 1 1/4"	10	180	L
320004003S	32 x 1 1/2"	10	150	L
320004004S	40 x 1"		100	L
320004005S	40 x 1 1/4"	10	100	L
320004006S	40 x 1 1/2"	10	100	L
320005003S	40 x 2"		100	L
320005004S	50 x 1"		80	L
320005005S	50 x 1 1/4"		80	L
320005006S	50 x 1 1/2"	10	80	L
320006305S	50 x 2"	10	70	L
320006306S	63 x 1 1/2"		45	L
320006307S	63 x 2"	10	45	L
320007506S	63 x 2 1/2"	10	40	L
320007507S	75 x 2"		26	L
320007508S	75 x 2 1/2"	10	26	L
320009006S	75 x 3"	10	26	L
320009007S	90 x 2"		16	L
320009008S	90 x 2 1/2"		16	L
320009009S	90 x 3"		16	L
320011006S	90 x 4"		16	L
320011008S	110 x 2"		8	L
320011009S	110 x 3"		8	L
320011009S	110 x 4"		8	L

No. **320A**  
Epsilon Series PN16  
**Adaptor Female**



	Size	Bag	Box	
320A01610S	16 x 3/8"	25	750	L
320A01601S	16 x 1/2"	25	750	L
320A01602S	16 x 3/4"	25	750	L
320A02010S	20 x 3/8"	25	750	L
320A02001S	20 x 1/2"	25	500	L
320A02002S	20 x 3/4"	25	500	L
320A02501S	25 x 1/2"	20	360	L
320A02502S	25 x 3/4"	20	360	L
320A02503S	25 x 1"	20	340	L
320A03201S	32 x 1/2"	10	220	L
320A03202S	32 x 3/4"	10	220	L
320A03203S	32 x 1"	10	220	L
320A03204S	32 x 1 1/4"	10	150	L
320A03205S	32 x 1 1/2"	10	150	L
320A04003S	40 x 1"		100	L
320A04004S	40 x 1 1/4"	10	100	L
320A04005S	40 x 1 1/2"		100	L
320A05004S	50 x 1 1/4"		80	L
320A05005S	50 x 1 1/2"	10	80	L
320A05006S	50 x 2"		70	L
320A06305S	63 x 1 1/2"		45	L
320A06306S	63 x 2"	10	45	L
320A06307S	63 x 2 1/2"		40	L
320A07506S	75 x 2"		26	L
320A07507S	75 x 2 1/2"	10	26	L
320A07508S	75 x 3"	10	26	L
320A09006S	90 x 2"	10	16	L
320A09007S	90 x 2 1/2"	10	16	L
320A09008S	90 x 3"	10	16	L
320A09009S	90 x 4"	10	16	L
320A11008S	110 x 3"	10	8	L
320A11009S	110 x 4"	10	8	L

## ε - Epsilon Series (Metric - PN 16 bar)

Epsilon Series PN16

No. **320B**  
**End Plug**



Code	Size	Bag	Box	
320B00016S	16	25	900	L
320B00020S	20	20	500	L
320B00025S	25	20	340	L
320B00032S	32	10	220	L
320B00040S	40		125	L
320B00050S	50		80	L
320B00063S	63		45	L
320B00075S	75		26	L
320B00090S	90		16	L
320B00110S	110		10	L

Epsilon Series PN16

No. **321**  
**Coupling**



Code	Size	Bag	Box	
321016016S	16 x 16	25	525	L
321020020S	20 x 20	15	315	L
321025025S	25 x 25	15	225	L
321032032S	32 x 32	10	120	L
321040040S	40 x 40		72	L
321050050S	50 x 50		44	L
321063063S	63 x 63		30	L
321075075S	75 x 75		16	L
321090090S	90 x 90		10	L
321110110S	110 x 110		5	L

Epsilon Series PN16

No. **321B**  
**Coupling Repair**



Code	Size	Bag	Box	
321B00025S	25 x 25	10	160	L
321B00032S	32 x 32	5	100	L
321B00040S	40 x 40		60	L
321B00050S	50 x 50		35	L
321B00063S	63 x 63		20	L
321B00075S	75 x 75		10	L
321B00090S	90 x 90		8	L
321B00110S	110 x 110		4	L

Epsilon Series PN16

No. **321A**  
**Coupling Reducing**



Code	Size	Bag	Box	
321A02016S	20 x 16	20	360	L
321A02516S	25 x 16	20	300	L
321A02520S	25 x 20	15	255	L
321A03220S	32 x 20	10	180	L
321A03225S	32 x 25	10	150	L
321A04025S	40 x 25		100	L
321A04032S	40 x 32		85	L
321A05025S	50 x 25		65	L
321A05032S	50 x 32		65	L
321A05040S	50 x 40		60	L
321A06325S	63 x 25		40	L
321A06322S	63 x 32		30	L
321A06340S	63 x 40		30	L
321A06350S	63 x 50		30	L
321A07563S	75 x 63		18	L
321A09063S	90 x 63		12	L
321A09075S	90 x 75		12	L
321A11075S	110 x 75		8	L
321A11090S	110 x 90		8	L

Epsilon Series PN16

No. **322**  
**Elbow**



Code	Size	Bag	Box	
322016016S	16 x 16	25	450	L
322020020S	20 x 20	20	240	L
322025025S	25 x 25	15	195	L
322032032S	32 x 32		100	L
322040040S	40 x 40		60	L
322050050S	50 x 50		36	L
322063063S	63 x 63		24	L
322075075S	75 x 75		12	L
322090090S	90 x 90		8	L
322110110S	110 x 110		4	L

## é - Epsilon Series (Metric - PN 16 bar)

Epsilon Series PN16

No. **Elbow Female**  
**322B**

	Size	Bag	Box	
322B02001S	20 x ½"	25	375	L
322B02002S	20 x ¾"	25	375	L
322B02501S	25 x ½"	20	260	L
322B02502S	25 x ¾"	20	260	L
322B02503S	25 x 1"	20	260	L
322B03202S	32 x ¾"	10	180	L
322B03203S	32 x 1"	10	180	L
322B04004S	40 x 1¼"	10	75	L
322B04005S	40 x 1½"	10	75	L
322B05005S	50 x 1½"	10	55	L
322B05006S	50 x 2"	10	55	L
322B06306S	63 x 2"	10	30	L
322B06307S	63 x 2½"	10	30	L
322B07507S	75 x 2½"	10	15	L
322B07508S	75 x 3"	10	15	L
322B09008S	90 x 3"	10	10	L
322B11009S	110 x 4"	10	6	L

Epsilon Series PN16

No. **Elbow Male**  
**322A**

	Code	Size	Bag	Box	
322A01601S	16 x ½"	25	600	L	
322A01602S	16 x ¾"	25	600	L	
322A02001S	20 x ½"	25	425	L	
322A02002S	20 x ¾"	25	425	L	
322A02501S	25 x ½"	20	360	L	
322A02502S	25 x ¾"	20	320	L	
322A02503S	25 x 1"	20	300	L	
322A03202S	32 x ¾"	10	180	L	
322A03203S	32 x 1"	10	180	L	
322A04004S	40 x 1¼"	10	90	L	
322A04005S	40 x 1½"	10	90	L	
322A05005S	50 x 1½"	10	60	L	
322A05006S	50 x 2"	10	60	L	
322A06306S	63 x 2"	10	30	L	
322A06307S	63 x 2½"	10	30	L	
322A07507S	75 x 2½"	10	15	L	
322A07508S	75 x 3"	10	15	L	
322A09008S	90 x 3"	10	10	L	
322A11009S	110 x 4"	10	6	L	

Epsilon Series PN16

No. **Elbow Female for Pop-Up**  
**322C**

	Size	Bag	Box	
322C02501S	25 x ½" x 25	15	195	L
322C03201S	32 x ½" x 32	10	100	L
322C03202S	32 x ¾" x 32	10	100	L

Epsilon Series PN16

No. **Tee**  
**324**

	Code	Size	Bag	Box	
324016016S	16 x 16 x 16	20	260	L	
324020020S	20 x 20 x 20	15	150	L	
324025025S	25 x 25 x 25	10	110	L	
324032032S	32 x 32 x 32	10	70	L	
324040040S	40 x 40 x 40	10	40	L	
324050050S	50 x 50 x 50	10	25	L	
324063063S	63 x 63 x 63	10	16	L	
324075075S	75 x 75 x 75	10	8	L	
324090090S	90 x 90 x 90	10	5	L	
324110110S	110 x 110 x 110	10	2	L	

Epsilon Series PN16

No. **Wall Elbow Female**  
**322D**

	Size	Bag	Box	
322D01601S	16 x ½"	10	240	L
322D02001S	20 x ½"	10	240	L
322D02502S	25 x ¾"	10	140	L

## ε - Epsilon Series (Metric - PN 16 bar)

Epsilon Series PN16

No. **Tee Female**  
**323**



Code	Size	Bag	Box	
323001601S	16 x ½" x 16	20	320	L
323001602S	16 x ¾" x 16	20	320	L
323002001S	20 x ½" x 20	15	225	L
323002002S	20 x ¾" x 20	15	225	L
323002501S	25 x ½" x 25	10	160	L
323002502S	25 x ¾" x 25	10	160	L
323002503S	25 x 1" x 25	10	160	L
323003201S	32 x ½" x 32	10	100	L
323003202S	32 x ¾" x 32	10	100	L
323003203S	32 x 1" x 32	10	100	L
323004004S	40 x 1¼" x 40	○	45	L
323004005S	40 x ½" x 40		45	L
323005005S	50 x ½" x 50	○	30	L
323005006S	50 x 2" x 50	○	30	L
323006306S	63 x 2" x 63	○	18	L
323006307S	63 x 2½" x 63	○	18	L
323007506S	75 x 2" x 75	○	10	L
323007507S	75 x 2½" x 75	○	10	L
323007508S	75 x 3" x 75	○	10	L
323009008S	90 x 3" x 90	○	7	L
323011009S	110 x 4" x 110	○	4	L

Epsilon Series PN16

No. **Tee Male**  
**323A**



Code	Size	Bag	Box	
323A01601S	16 x ½" x 16	20	320	L
323A01602S	16 x ¾" x 16	20	320	L
323A02001S	20 x ½" x 20	15	180	L
323A02002S	20 x ¾" x 20	15	180	L
323A02003S	20 x 1" x 20	15	160	L
323A02501S	25 x ½" x 25	15	150	L
323A02502S	25 x ¾" x 25	15	150	L
323A02503S	25 x 1" x 25	10	120	L
323A03201S	32 x ½" x 32		100	L
323A03202S	32 x ¾" x 32		100	L
323A03203S	32 x 1" x 32		85	L
323A04003S	40 x 1" x 40		50	L
323A04004S	40 x 1¼" x 40	○	50	L
323A04005S	40 x 1½" x 40		50	L
323A05005S	50 x 1½" x 50	○	30	L
323A05006S	50 x 2" x 50		30	L
323A06306S	63 x 2" x 63	○	20	L
323A07506S	75 x 2" x 75		10	L
323A07507S	75 x 2½" x 75		10	L
323A07508S	75 x 3" x 75		10	L
323A09008S	90 x 3" x 90		6	L
323A11009S	110 x 4" x 110	○	2	L

Epsilon Series PN16

No. **Tee Reducing**  
**324A**



Code	Size	Bag	Box	
324A02016S	20 x 16 x 20	10	160	L
324A02520S	25 x 20 x 25	10	120	L
324A03225S	32 x 25 x 32		80	L
324A04032S	40 x 32 x 40		40	L
324A05025S	50 x 25 x 50		25	L
324A05040S	50 x 40 x 50		25	L
324A06325S	63 x 25 x 63		16	L
324A06322S	63 x 32 x 63		16	L
324A06340S	63 x 40 x 63		16	L
324A06350S	63 x 50 x 63		16	L
324A07563S	75 x 63 x 75		8	L
324A09075S	90 x 75 x 90		5	L
324A11090S	110 x 90 x 110		2	L

Epsilon Series PN16

No. **Tee Increasing**  
**324B**



Code	Size	Bag	Box	
324B02025S	20 x 25 x 20	10	120	L
324B02532S	25 x 32 x 25		80	L

## ε - Epsilon Series - Universal & Global Transition Adaptor

Epsilon Series PN16

### No. 320C Adaptor Flanged



Code	Size	Bag	Box
320C05005S	50 x 1½"		40 L
320C05006S	50 x 2"		40 L
320C06306S	63 x 2"		20 L
320C06307S	63 x 2½"		15 L
320C07507S	75 x 2½"		10 L
320C07508S	75 x 3"		10 L
320C09008S	90 x 3"		8 L
320C09009S	90 x 4"		5 L
320C11009S	110 x 4"		5 L

Epsilon Series PN16

### No. 320D Adaptor Flanged Complete Set with Rubber Seal, Screws & Bolts



Code	Size	Bag	Box
320D05005S	50 x 1½"		15 L
320D05006S	50 x 2"		15 L
320D06306S	63 x 2"		10 L
320D06307S	63 x 2½"		15 L
320D07507S	75 x 2½"		10 L
320D07508S	75 x 3"		10 L
320D09008S	90 x 3"		8 L
320D09009S	90 x 4"		6 L
320D11009S	110 x 4"		4 L

Special Fittings Metric

### No. 321C Adaptor Universal



Code	Size	Bag	Box
321C02015S	20 x 15	15	400 L
321C02515S	25 x 15	20	300 L
321C02522S	25 x 22	10	260 L
321C03222S	32 x 22	10	160 L
321C03228S	32 x 28	10	150 L

Special Fittings Metric

### No. 321D Coupling Global Transition



Code	Size	Bag	Box
321D02220S	15-22 x 20		80 S
321D02225S	15-22 x 25		80 S
321D02725S	20-27 x 25		70 S
321D02732S	20-27 x 32		60 S
321D03425S	27-34 x 25		60 S
321D03432S	27-34 x 32		55 S

## ζ - Zeta Series (Metric - PN 16 bar)-

Zeta Series PN16

No. **Adaptor Male**  
**380**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
380002001S	20 x 1/2"	25	500	L
380002002S	20 x 3/4"	25	500	L
380002003S	20 x 1"	25	450	L
380002501S	25 x 1/2"	20	360	L
380002502S	25 x 3/4"	20	320	L
380002503S	25 x 1"	20	320	L
380003202S	32 x 3/4"	10	180	L
380003203S	32 x 1"	○ 10	180	L
380003204S	32 x 1 1/4"	○ 10	180	L
380003205S	32 x 1 1/2"	10	150	L
<b>Lip Seal</b>				
380004003S	40 x 1"		100	L
380004004S	40 x 1 1/4"	○	100	L
380004005S	40 x 1 1/2"	○	100	L
380004006S	40 x 2"		100	L
380005005S	50 x 1 1/2"	○	80	L
380005006S	50 x 2"	○	70	L
380006305S	63 x 1 1/2"		45	L
380006306S	63 x 2"	○	45	L
<b>Zero Force</b>				
380007506S	75 x 2"		26	L
380007507S	75 x 2 1/2"	○	26	L
380007508S	75 x 3"	○	26	L
380009006S	90 x 2"		16	L
380009007S	90 x 2 1/2"		16	L
380009008S	90 x 3"		16	L
380009009S	90 x 4"		16	L
380011006S	110 x 2"		8	L
380011008S	110 x 3"		8	L
380011009S	110 x 4"		8	L

Zeta Series PN16

No. **Adaptor Female**  
**380A**



	Size	Bag	Box	
<b>High Tolerance</b>				
380A02001S	20 x 1/2"	25	500	L
380A02002S	20 x 3/4"	25	500	L
380A02501S	25 x 1/2"	20	360	L
380A02502S	25 x 3/4"	20	360	L
380A02503S	25 x 1"	20	340	L
380A03202S	32 x 3/4"	10	220	L
380A03203S	32 x 1"	○ 10	220	L
380A03204S	32 x 1 1/4"	10	150	L
<b>Lip Seal</b>				
380A04004S	40 x 1 1/4"	○	100	L
380A04005S	40 x 1 1/2"		100	L
380A05005S	50 x 1 1/2"	○	80	L
380A05006S	50 x 2"		70	L
380A06306S	63 x 2"	○	45	L
<b>Zero Force</b>				
380A07506S	75 x 2"		26	L
380A07507S	75 x 2 1/2"	○	26	L
380A07508S	75 x 3"	○	26	L
380A09006S	90 x 2"	○	16	L
380A09007S	90 x 2 1/2"	○	16	L
380A09008S	90 x 3"	○	16	L
380A09009S	90 x 4"	○	16	L
380A11008S	110 x 3"	○	8	L
380A11009S	110 x 4"	○	8	L

## ζ - Zeta Series (Metric - PN 16 bar)

No. **380B**  
Zeta Series PN16  
**End Plug**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
380B00020S	20	20	500	L
380B00025S	25	20	340	L
380B00032S	32	10	220	L
<b>Lip Seal</b>				
380B00040S	40		125	L
380B00050S	50		80	L
380B00063S	63		45	L
<b>Zero Force</b>				
380B00075S	75		26	L
380B00090S	90		16	L
380B00110S	110		10	L

No. **381**  
Zeta Series PN16  
**Coupling**



	Size	Bag	Box	
<b>High Tolerance</b>				
381020020S	20 x 20	15	315	L
381025025S	25 x 25	15	225	L
381032032S	32 x 32	10	120	L
<b>Lip Seal</b>				
381040040S	40 x 40		72	L
381050050S	50 x 50		44	L
381063063S	63 x 63		30	L
<b>Zero Force</b>				
381075075S	75 x 75		16	L
381090090S	90 x 90		10	L
381110110S	110 x 110		5	L

No. **381A**  
Zeta Series PN16  
**Coupling Reducing**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
381A02520S	25 x 20	15	255	L
381A03220S	32 x 20	10	180	L
381A03225S	32 x 25	10	150	L
<b>Lip Seal</b>				
381A04025S	40 x 25		100	L
381A04032S	40 x 32		85	L
381A05032S	50 x 32		65	L
381A05040S	50 x 40		60	L
381A06382S	63 x 32		30	L
381A06340S	63 x 40		30	L
381A06350S	63 x 50		30	L
<b>Zero Force</b>				
381A07563S	75 x 63		18	L
381A09063S	90 x 63		12	L
381A09075S	90 x 75		12	L
381A11075S	110 x 75		8	L
381A11090S	110 x 90		8	L

No. **382**  
Zeta Series PN16  
**Elbow**



	Size	Bag	Box	
<b>High Tolerance</b>				
382020020S	20 x 20	20	240	L
382025025S	25 x 25	15	195	L
382032032S	32 x 32		100	L
<b>Lip Seal</b>				
382040040S	40 x 40		60	L
382050050S	50 x 50		36	L
382063063S	63 x 63		24	L
<b>Zero Force</b>				
382075075S	75 x 75		12	L
382090090S	90 x 90		8	L
382110110S	110 x 110		4	L

No. **382**  
Zeta Series PN16  
**Wall Elbow Female**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
382020020S	20 x 1/2"	10	240	L
382025025S	25 x 3/4"	10	140	L

## ζ - Zeta Series (Metric - PN 16 bar)-

Zeta Series PN16

No. **382B**  
**Elbow Female**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
382B02001S	20 x 1/2"	25	375	L
382B02002S	20 x 3/4"	25	375	L
382B02501S	25 x 1/2"	20	260	L
382B02502S	25 x 3/4"	20	260	L
382B02503S	25 x 1"	20	260	L
382B03203S	32 x 1"	○ 10	180	L
<b>Lip Seal</b>				
382B04004S	40 x 1 1/4"	○	75	L
382B04005S	40 x 1 1/2"	○	75	L
382B05005S	50 x 1 1/2"	○	55	L
382B05006S	50 x 2"	○	55	L
382B06306S	63 x 2"	○	30	L
<b>Zero Force</b>				
382B07507S	75 x 2 1/2"	○	15	L
382B07508S	75 x 3"	○	15	L
382B09008S	90 x 3"	○	10	L
382B11009S	110 x 4"	○	6	L

Zeta Series PN16

No. **382A**  
**Elbow Male**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
382A02001S	20 x 1/2"	25	425	L
382A02502S	25 x 3/4"	20	320	L
382A03203S	32 x 1"	10	180	L
<b>Lip Seal</b>				
382A04004S	40 x 1 1/4"		90	L
382A04005S	40 x 1 1/2"		90	L
382A05005S	50 x 1 1/2"		60	L
382A05006S	50 x 2"		60	L
382A06306S	63 x 2"		30	L
<b>Zero Force</b>				
382A07507S	75 x 2 1/2"		15	L
382A07508S	75 x 3"		15	L
382A09008S	90 x 3"		10	L
382A11009S	110 x 4"		6	L

Zeta Series PN16

No. **384**  
**Tee**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
384020020S	20 x 20 x 20	15	150	L
384025025S	25 x 25 x 25	10	110	L
384032032S	32 x 32 x 32		70	L
<b>Lip Seal</b>				
384040040S	40 x 40 x 40		40	L
384050050S	50 x 50 x 50		25	L
384063063S	63 x 63 x 63		16	L
<b>Zero Force</b>				
384075075S	75 x 75 x 75		8	L
384090090S	90 x 90 x 90		5	L
384110110S	110 x 110 x 110		2	L

Zeta Series PN16

No. **384A**  
**Tee Reducing**



Code	Size	Bag	Box	
<b>High Tolerance</b>				
384A02520S	25 x 20 x 25	10	120	L
384A03225S	32 x 25 x 32		80	L
<b>Lip Seal</b>				
384A05040S	50 x 40 x 50		25	L
384A06350S	63 x 50 x 63		16	L
<b>Zero Force</b>				
384A07563S	75 x 63 x 75		8	L
384A09075S	90 x 75 x 90		5	L
384A11090S	110 x 90 x 110		2	L

## ζ - Zeta Series (Metric - PN 16 bar)

Zeta Series PN16

No. **383**  
**Tee Female**

Code	Size	Bag	Box
<b>High Tolerance</b>			
383002001S	20 x 1/2" x 20	15	225 L
383002002S	20 x 3/4" x 20	15	225 L
383002501S	25 x 1/2" x 25	10	160 L
383002502S	25 x 3/4" x 25	10	160 L
383002503S	25 x 1" x 25	10	160 L
383003202S	32 x 3/4" x 32	10	100 L
383003203S	32 x 1" x 32	10	100 L
<b>Lip Seal</b>			
383004004S	40 x 1 1/4" x 40	○	45 L
383004005S	40 x 1 1/2" x 40		45 L
383005005S	50 x 1 1/2" x 50	○	30 L
383005006S	50 x 2" x 50	○	30 L
383006306S	63 x 2" x 63	○	18 L
<b>Zero Force</b>			
383007506S	75 x 2" x 75	○	10 L
383007507S	75 x 2 1/2" x 75	○	10 L
383007508S	75 x 3" x 75	○	10 L
383009008S	90 x 3" x 90	○	7 L
383011009S	110 x 4" x 110	○	4 L

Zeta Series PN16

No. **383A**  
**Tee Male**

Code	Size	Bag	Box
<b>High Tolerance</b>			
383A02001S	20 x 1/2" x 20	15	180 L
383A02002S	20 x 3/4" x 20	15	180 L
383A02501S	25 x 1/2" x 25	15	150 L
383A02502S	25 x 3/4" x 25	15	150 L
383A02503S	25 x 1" x 25	10	120 L
383A03202S	32 x 3/4" x 32		100 L
383A03203S	32 x 1" x 32		85 L
<b>High Tolerance</b>			
383A04004S	40 x 1 1/4" x 40	○	50 L
383A04005S	40 x 1 1/2" x 40		50 L
383A05005S	50 x 1 1/2" x 50	○	30 L
383A05006S	50 x 2" x 50		30 L
383A06306S	63 x 2" x 63	○	20 L
<b>Zero Force</b>			
383A07506S	75 x 2" x 75		10 L
383A07507S	75 x 2 1/2" x 75		10 L
383A07508S	75 x 3" x 75		10 L
383A09008S	90 x 3" x 90		6 L
383A11009S	110 x 4" x 110	○	2 L

Zeta Series PN16

No. **380C**  
**Adaptor Flanged**

Code	Size	Bag	Box
<b>Lip Seal</b>			
380C05005S	50 x 1 1/2"		40 L
380C05006S	50 x 2"		40 L
380C06306S	63 x 2"		20 L
380C06307S	63 x 2 1/2"		15 L
<b>Zero Force</b>			
380C07507S	75 x 2 1/2"		10 L
380C07508S	75 x 3"		10 L
380C09008S	90 x 3"		8 L
380C09009S	90 x 4"		5 L
380C11009S	110 x 4"		5 L

Zeta Series PN16

No. **380D**  
**Adaptor Flanged Complete Set with Rubber Seal, Screws & Bolts**

Code	Size	Bag	Box
<b>Lip Seal</b>			
380D05005S	50 x 1 1/2"		15 L
380D05006S	50 x 2"		15 L
380D06306S	63 x 2"		10 L
380D06307S	63 x 2 1/2"		15 L
<b>Zero Force</b>			
380D07507S	75 x 2 1/2"		10 L
380D07508S	75 x 3"		10 L
380D09008S	90 x 3"		8 L
380D09009S	90 x 4"		6 L
380D11009S	110 x 4"		4 L

## ή - Eta Series (Australian Rural PN 10 bar)

Eta Series (Rural) PN10

No. **Adaptor Male**  
**260**



Code	Size	Bag	Box
260002001S	3/4" x 1/2"		480 L
260002002S	3/4" x 3/4"		480 L
260002003S	3/4" x 1"		450 L
260002501S	1" x 1/2"		280 L
260002502S	1" x 3/4"		280 L
260002503S	1" x 1"		260 L
260003201S	1 1/4" x 1/2"		180 L
260003202S	1 1/4" x 3/4"		180 L
260003203S	1 1/4" x 1"		160 L
260003204S	1 1/4" x 1 1/4"		160 L
260003205S	1 1/4" x 1 1/2"		150 L
260004003S	1 1/2" x 1"		100 L
260004004S	1 1/2" x 1 1/4"		100 L
260004005S	1 1/2" x 1 1/2"		100 L
260004006S	1 1/2" x 2"		100 L
260005003S	2" x 1"		80 L
260005004S	2" x 1 1/4"		80 L
260005005S	2" x 1 1/2"		80 L
260005006S	2" x 2"		70 L

Eta Series (Rural) PN10

No. **Adaptor Female**  
**260A**



Code	Size	Bag	Box
260A02001S	3/4" x 1/2"		500 L
260A02002S	3/4" x 3/4"		400 L
260A02501S	1" x 1/2"		360 L
260A02502S	1" x 3/4"		320 L
260A02503S	1" x 1"		320 L
260A03201S	1 1/4" x 1/2"		220 L
260A03202S	1 1/4" x 3/4"		220 L
260A03203S	1 1/4" x 1"		180 L
260A03204S	1 1/4" x 1 1/4"		140 L
260A03205S	1 1/4" x 1 1/2"		150 L
260A04003S	1 1/2" x 1"		100 L
260A04004S	1 1/2" x 1 1/4"		100 L
260A04005S	1 1/2" x 1 1/2"		100 L
260A05004S	2" x 1 1/4"		65 L
260A05005S	2" x 1 1/2"		65 L
260A05006S	2" x 2"		65 L

Eta Series (Rural) PN10

No. **Coupling Reducing**  
**261A**



Code	Size	Bag	Box
261A02520S	1" x 3/4"		200 L
261A03220S	1 1/4" x 3/4"		140 L
261A03225S	1 1/4" x 1"		140 L
261A04025S	1 1/2" x 1"		100 L
261A04032S	1 1/2" x 1 1/4"		85 L
261A05032S	2" x 1 1/4"		65 L
261A05040S	2" x 1 1/2"		60 L

Eta Series (Rural) PN10

No. **Coupling**  
**261**



Code	Size	Bag	Box
261020020S	3/4" x 3/4"		220 L
261025025S	1" x 1"		180 L
261032032S	1 1/4" x 1 1/4"		100 L
261040040S	1 1/2" x 1 1/2"		72 L
261050050S	2" x 2"		44 L

Eta Series (Rural) PN10

No. **End Plug**  
**260B**



Code	Size	Bag	Box
260B00020S	3/4"		400 L
260B00025S	1"		300 L
260B00032S	1 1/4"		180 L
260B00040S	1 1/2"		125 L
260B00050S	2"		80 L

## η - Eta Series (Australian Rural PN10 bar)

Eta Series (Rural) PN10

No.  
262  
**Elbow**

Code	Size	Bag	Box
262020020S	¾" x ¾"		200 L
262025025S	1" x 1"		160 L
262032032S	1¼" x 1¼"		80 L
262040040S	1½" x 1½"		50 L
262050050S	2" x 2"		36 L

Eta Series (Rural) PN10

No.  
262A  
**Elbow Male**

Code	Size	Bag	Box
262A02001S	¾" x ½"		400 L
262A02002S	¾" x ¾"		300 L
262A02501S	1" x ½"		240 L
262A02502S	1" x ¾"		240 L
262A02503S	1" x 1"		200 L
262A03202S	1¼" x ¾"		140 L
262A03203S	1¼" x 1"		140 L
262A04004S	1½" x 1¼"		90 L
262A04005S	1½" x 1½"		90 L
262A05005S	2" x 1½"		60 L
262A05006S	2" x 2"		60 L

Eta Series (Rural) PN10

No.  
262B  
**Elbow Female**

Code	Size	Bag	Box
262B02001S	¾" x ½"		375 L
262B02002S	¾" x ¾"		300 L
262B02501S	1" x ½"		260 L
262B02502S	1" x ¾"		260 L
262B02503S	1" x 1"		200 L
262B03202S	1¼" x ¾"		180 L
262B03203S	1¼" x 1"		140 L
262B04004S	1½" x 1¼"		75 L
262B04005S	1½" x 1½"		75 L
262B05005S	2" x 1½"		55 L
262B05006S	2" x 2"		55 L

Eta Series (Rural) PN10

No.  
262D  
**Wall Elbow Female**

Code	Size	Bag	Box
262D02001S	¾" x ½"		240 L
262D02502S	1" x ¾"		140 L

Eta Series (Rural) PN10

No.  
264  
**Tee**

Code	Size	Bag	Box
264020020S	¾" x ¾"		120 L
264025025S	1" x 1"		100 L
264032032S	1¼" x 1¼"		60 L
264040040S	1½" x 1½"		35 L
264050050S	2" x 2"		20 L

Eta Series (Rural) PN10

No.  
264A  
**Tee Reducing**

Code	Size	Bag	Box
264A02520S	1" x ¾" x 1"		100 L
264A03225S	1¼" x 1" x 1¼"		60 L
264A04032S	1½" x 1¼" x 1½"		40 L
264A05040S	2" x 1½" x 2"		25 L

## η - Eta Series (Australian Rural PN 10 bar) Copper Series

Eta Series (Rural) PN10

No. **263A**  
**Tee Male**



	Size	Bag	Box
263A02001S	3/4" x 1/2" x 3/4"	180	L
263A02002S	3/4" x 3/4" x 3/4"	180	L
263A02003S	3/4" x 1" x 3/4"	160	L
263A02501S	1" x 1/2" x 1"	150	L
263A02502S	1" x 3/4" x 1"	140	L
263A02503S	1" x 1" x 1"	160	L
263A03201S	1 1/4" x 1/2" x 1 1/4"	100	L
263A03202S	1 1/4" x 3/4" x 1 1/4"	100	L
263A03203S	1 1/4" x 1" x 1 1/4"	80	L
263A04003S	1 1/2" x 1" x 1 1/2"	50	L
263A04004S	1 1/2" x 1 1/4" x 1 1/2"	50	L
263A04005S	1 1/2" x 1 1/2" x 1 1/2"	50	L
263A05005S	2" x 1 1/2" x 2"	30	L
263A05006S	2" x 2" x 2"	30	L

Eta Series (Rural) PN10

No. **263**  
**Tee Female**



	Code	Size	Bag	Box
263002001S	3/4" x 1/2" x 3/4"	180	L	
263002002S	3/4" x 3/4" x 3/4"	180	L	
263002501S	1" x 1/2" x 1"	140	L	
263002502S	1" x 3/4" x 1"	140	L	
263002503S	1" x 1" x 1"	120	L	
263003202S	1 1/4" x 3/4" x 1 1/4"	80	L	
263003203S	1 1/4" x 1" x 1 1/4"	80	L	
263004004S	1 1/2" x 1 1/4" x 1 1/2"	45	L	
263004005S	1 1/2" x 1 1/2" x 1 1/2"	45	L	
263005005S	2" x 1 1/2" x 2"	30	L	
263005006S	2" x 2" x 2"	30	L	

Copper Series

No. **251K**  
**Coupling Poly to Copper**



	Code	Size	Bag	Box
251K02001S	20 x 1/2"	400	L	
251K02002S	20 x 3/4"	100	L	
251K02501S	25 x 1/2"	260	L	
251K02502S	25 x 3/4"	160	L	
251K03202S	32 x 3/4"	160	L	

Copper Series

No. **254K**  
**Tee Poly to Copper**



		Size	Bag	Box
254K02001S	25 x 1/2"	260	L	
254K02501S	25 x 3/4"	160	L	
254K02502S	32 x 3/4"	160	L	

Copper Series

No. **252K**  
**Elbow Poly to Copper**



	Code	Size	Bag	Box
252K02001S	20 x 1/2"	400	L	
252K02502S	20 x 3/4"	300	L	

## PVC Ball Valves

Ball Valves (PVC)

No. **Double Union Glued**  
**108F**



Code	Size	Bag	Box
108F00020S	25		40 S
108F00025S	25		40 S
108F00032S	32		40 S
108F00040S	40		16 S
108F00050S	50		16 S
108F00063S	63		10 S
108F00075S	75		4 S
108F00090S	90		3 S
108F00120S	110		3 S

Ball Valves (PVC)

No. **Single Union Glued**  
**108G**



Code	Size	Bag	Box
108G00020S	25		50 S
108G00025S	25		50 S
108G00032S	32		50 S
108G00040S	40		20 S
108G00050S	50		20 S
108G00063S	63		12 S
108G00075S	75		4 S
108G00090S	90		3 S
108G00120S	110		3 S

Ball Valves (PVC)

No. **Double Union Threaded Female - Female**  
**109T**



Code	Size	Bag	Box
109T00202S	¾"		40 S
109T00303S	1"		40 S
109T00404S	1¼"		16 S
109T00505S	1½"		16 S
109T00606S	2"		10 S
109T00707S	2½"		4 S
109T00808S	3"		3 S

Ball Valves (PVC)

No. **Single Union Threaded Female - Female**  
**108T**



Code	Size	Bag	Box
108T00202S	¾"		50 S
108T00303S	1"		50 S
108T00404S	1¼"		20 S
108T00505S	1½"		20 S
108T00606S	2"		12 S
108T00707S	2½"		4 S
108T00808S	3"		3 S

Ball Valves (PVC)

No. **Single Union Threaded Male - Female**  
**108M**



Code	Size	Bag	Box
108M00101S	½"		45 S
108M00202S	¾"		50 S
108M00303S	1"		50 S
108M00404S	1¼"		20 S
108M00505S	1½"		20 S
108M00606S	2"		10 S

## PP Ball Valves & Stop Tap-

Ball Valves AG (PP)

No. **103** **Single Union Threaded Female - Female**



Code	Size	Bag	Box
103P00202S	¾" - PP		150 L
103P00303S	1" - PP		150 L
103000202S	¾" - ABS		150 L
103000303S	1" - ABS		150 L

STOP Tap

No. **103S** **STOP Tap with Compression Caps**



	Size	Bag	Box
103SC0020S	20 x 20		150 L
103SC0025S	25 x 25		120 L
103SC0032S	32 x 32		100 L

Ball Valves (PP)

No. **103M** **Single Union Male Thread with Compression Cap**



Code	Size	Bag	Box
103M02001S	20 x ½"		120 S
103M02002S	20 x ¾"		130 S
103M02502S	25 x ¾"		60 S
103M03203S	32 x 1"		50 S
103M04004S	40 x 1¼"		20 S
103M05005S	50 x 1½"		20 S
103M06306S	63 x 2"		12 S

Ball Valves (PP)

No. **103F** **Single Union Female Thread with Compression Cap**



	Size	Bag	Box
103F02001S	20 x ½"		130 S
103F02002S	20 x ¾"		120 S
103F02502S	25 x ¾"		50 S
103F03203S	32 x 1"		50 S
103F04004S	40 x 1¼"		20 S
103F05005S	50 x 1½"		20 S
103F06306S	63 x 2"		12 S

Ball Valves (PP)

No. **104C** **Double Union with Compression Caps**



Code	Size	Bag	Box
104C00020S	20		60 S
104C00025S	25		40 S
104C00032S	32		40 S
104C00040S	40		16 S
104C00050S	50		15 S
104C00063S	63		8 S
104C00075S	75		6 S
104C00090S	90		4 S

Check Valves (PP)

No. **105C** **Spring Check Valve with Compression Caps**



	Size	Bag	Box
105C00016S	16		S
105C00020S	20		120 S
105C00025S	25		80 S
105C00032S	32		50 S
105C00040S	40		18 S
105C00050S	50		15 S
105C00063S	63		8 S

## Threaded BSP

No.  
566Threaded BSP  
**Nipple**

Code	Size	Bag	Box
566000101S	½"		1400 S
566000202S	¾"		750 S
566000303S	1"		400 S
566000404S	1¼"		250 S
566000505S	1½"		200 S
566000606S	2"		250 L
566000707S	2½"		140 L
566000808S	3"		90 L
566000909S	4"		36 L

No.  
547Threaded BSP  
**Socket**

Code	Size	Bag	Box
547000101S	½"		600 S
547000202S	¾"		500 S
547000303S	1"		300 S
547000404S	1¼"		200 S
547000505S	1½"		135 S
547000606S	2"		100 S
547000707S	2½"		80 L
547000808S	3"		80 L

No.  
566Threaded BSP  
**Nipple Reducing**

Code	Size	Bag	Box
566B00110S	½" x ⅜"		1500 S
566B00201S	¾" x ½"		750 S
566B00301S	1" x ½"		500 S
566B00302S	1" x ¾"		400 S
566B00402S	1¼" x ¾"		300 S
566B00403S	1¼" x 1"		250 S
566B00503S	1½" x 1"		225 S
566B00504S	1½" x 1¼"		225 S
566B00602S	2" x ¾"		250 L
566B00603S	2" x 1"		250 L
566B00604S	2" x 1¼"		250 L
566B00605S	2" x 1½"		250 L
566B00703S	2½" x 1"		150 L
566B00704S	2½" x 1¼"		150 L
566B00705S	2½" x 1½"		150 L
566B00706S	2½" x 2"		150 L
566B00806S	3" x 2"		100 L
566B00807S	3" x 2½"		90 L
566B00906S	4" x 2"		75 L
566B00908S	4" x 3"		50 L

No.  
547Threaded BSP  
**Socket Reducing**

Code	Size	Bag	Box
547B00110S	½" x ⅜"		800 S
547B00211S	¾" x ¼"		600 S
547B00210S	¾" x ⅜"		600 S
547B00201S	¾" x ½"		500 S
547B00301S	1" x ½"		300 S
547B00302S	1" x ¾"		300 S
547B00402S	1¼" x ¾"		225 S
547B00403S	1¼" x 1"		200 S
547B00502S	1½" x ¾"		150 S
547B00503S	1½" x 1"		150 S
547B00504S	1½" x 1¼"		150 S
547B00602S	2" x ¾"		100 S
547B00603S	2" x 1"		100 S
547B00604S	2" x 1¼"		100 S
547B00605S	2" x 1½"		100 S
547B00706S	2½" x 2"		55 S
547B00807S	3" x 2½"		80 L
547B00908S	4" x 3"		50 L

## Threaded BSP-

No. **570**  
Threaded BSP  
**Plug Male**



Code	Size	Bag	Box
57000001S	½"		2000 S
57000002S	¾"		1000 S
57000003S	1"		600 S
57000004S	1¼"		400 S
57000005S	1½"		300 S
57000006S	2"		200 L
57000007S	2½"		200 L
57000008S	3"		150 L
57000009S	4"		50 L

No. **571**  
Threaded BSP  
**Plug Female**



Code	Size	Bag	Box
57100001S	½"		1000 S
57100002S	¾"		600 S
57100003S	1"		400 S
57100004S	1¼"		300 S
57100005S	1½"		200 S
57100006S	2"		100 S
57100007S	2½"		150 L

No. **549**  
Threaded BSP  
**Bushing**



Code	Size	Bag	Box
549000201S	¾" M. x ½" F.		1000 S
549000301S	1" M. x ½" F.		625 S
549000302S	1" M. x ¾" F.		600 S
549000402S	1¼" M. x ¾" F.		400 S
549000403S	1¼" M. x 1" F.		500 S
549000501S	1½" M. x ½" F.		350 S
549000502S	1½" M. x ¾" F.		350 S
549000503S	1½" M. x 1" F.		350 S
549000504S	1½" M. x 1¼" F.		300 S
549000601S	2" M. x ½" F.		250 S
549000602S	2" M. x ¾" F.		200 S
549000603S	2" M. x 1" F.		200 S
549000604S	2" M. x 1¼" F.		200 S
549000605S	2" M. x 1½" F.		200 S
549000703S	2½" M. x 1" F.		220 S
549000704S	2½" M. x 1¼" F.		110 S
549000705S	2½" M. x 1½" F.		110 S
549000706S	2½" M. x 2" F.		110 S
549000806S	3" M. x 2" F.		75 S
549000807S	3" M. x 2½" F.		75 S
549000906S	4" M. x 2" F.		35 L
549000908S	4" M. x 3" F.		50 L

No. **546**  
Threaded BSP  
**Reducer / Estension  
Female-Male**



Code	Size	Bag	Box
546000201S	¾" F. x ½" M.		600 S
546000202S	¾" F. x ¾" M.		600 S

No. **546**  
Threaded BSP  
**Reducer Male -  
Female**



Code	Size	Bag	Box
546A00301S	1" M. x ½" F.		500 L
546A00302S	1" M. x ¾" F.		500 L

No. **566**  
PP Multi-Riser  
**Multi-Riser**



Code	Size	Bag	Box
566C00101S	½" x ½" - 15 cm		360 S
566C00201S	¾" x ½" - 15 cm		300 S
566C00202S	¾" x ¾" - 15 cm		250 S

## Threaded BSP

No. **566**  
Threaded BSP  
**Elbow Female**



Code	Size	Bag	Box
566000101S	½"		500 S
566000202S	¾"		350 S
566000303S	1"		200 S
566000404S	1¼"		100 S
566000505S	1½"		90 S
566000606S	2"		45 L

No. **547**  
Threaded BSP  
**Elbow Male/Female**



Code	Size	Bag	Box
547000101S	½"		600 S
547000202S	¾"		600 S
547000303S	1"		400 S
547000404S	1¼"		100 L
547000505S	1½"		175 L

No. **566**  
Threaded BSP  
**Tee Male**



Code	Size	Bag	Box
566000101S	½"		300 S
566000202S	¾"		300 S
566000303S	1"		160 S
566000404S	1¼"		200 L
566000505S	1½"		150 L
566000606S	2"		60 L

No. **547**  
Threaded BSP  
**Tee Female**



Code	Size	Bag	Box
547000101S	½"		300 S
547000202S	¾"		250 S
547000303S	1"		120 S
547000404S	1¼"		80 S
547B00807S	1½"		50 S
547B00908S	2"		50 L

No. **573**  
Threaded BSP  
**Tee Reducing Male**



Code	Size	Bag	Box
573020102S	¾" x ½" x ¾"		300 S
573030103S	1" x ½" x 1"		150 S
573030203S	1" x ¾" x 1"		150 S
573040304S	1¼" x 1" x 1¼"		100 S
573050205S	1½" x ¾" x 1½"		100 S
573050305S	1½" x 1" x 1½"		80 S
573060306S	2" x 1" x 2"		60 S
573050405S	2" x 1¼" x 2"		60 S
573060506S	2" x 1½" x 2"		60 S
573070607S	2½" x 2" x 2½"		50 S
573080608S	3" x 2" x 3"		40 S

No. **566**  
Plastic Accessories  
**Tank Outlet**



Code	Size	Bag	Box
566000101S	½"		700 S
566000202S	¾"		600 S
566000303S	1"		400 L



# GENERAL TERMS & CONDITION SUPPLY

## INTRODUCTION

Our supplies include the products specified in our "sales confirmation" and are subject to the following terms and conditions which the customer declares to know and to accept, excepting possible derogation stated in a written agreement. "Incoterms", as defined by the International Chamber of Commerce, shall govern all the foreign supplies.

## PRODUCTS

In order to avoid any misunderstandings, it is advisable to refer to the names and the codes of our catalogue and/or price lists for the indication of the products.

## PACKAGING

To reduce the delivery time and to help the customer stock the products, we reserve the right to convert the requested quantities in multiples of the standard packages, as shown in our catalogue.

Packaging is restricted to the standard dimensions of containers.

- 20 Feet container: 2.35 x 2.35 x 5.95 meters
- 40 Feet container: 2.35 x 2.35 x 12.00 meters
- 40 Feet HC container: 2.35 x 2.70 x 12.00 meters

*Elysée recommends this option.*

Actual packaging will appear on the Proforma invoice.

## INT DELIVERY

It has to be assumed ex- our warehouses and/or stores. We will indicate the delivery time terms for not available items.

## SHIPMENT

Shipment terms will be shown on our Proforma invoice. The goods travel at the purchaser's own risk.

## OWNERSHIP CLAUSE

The products supplied by us will remain our property until fully paid.

## PRICES

The prices applied will be those in force when the order is placed.

Our prices include standard packaging; special packaging, if required by customer, will be charged at cost.

## PAYMENT

For overseas supplies payments should be effected by opening an irrevocable confirmed letter of credit or,

1. Against draft or bank receipt at sight.
2. Against other form of payments to be agreed upon.

## GUARANTEE

We guarantee the good quality of our products in compliance with the standard listed in our catalogue. Our warranty will limit to the replacement of the faulty products, excluding any other liability in particular for damages caused, if any, whatsoever by utilization of our products.

This guarantee terminates and will be no longer valid one year after the delivery of the goods supplied.

## CLAIMS

Only claims reaching us by written communication within 30 days after invoicing date will be taken into consideration.

## CUSTOMER SERVICE

Our technical and commercial departments are available to the customers to provide any information on the characteristics and the application fields of our products.

# BANK DETAILS

For transfers to **ELYSEE IRRIGATION LTD**  
*Please note the following bank details.*

## **ACCOUNT NO. FOR EUR**

EUROBANK CYPRUS LTD  
Engomi Branch, Nicosia, CYPRUS  
IBAN No. CY38 0180 0008 0000 3001 0001 0243  
SWIFT ERBKCY2N  
Account Name: ELYSEE IRRIGATION LTD

## **ACCOUNT NO. FOR USD**

BANK OF CYPRUS  
Branch: Corporate Banking Centre (0199)  
IBAN No. CY66002001950000357008480724  
SWIFT BCYPCY2N

For transfers to **ELYSEE PIPING SYSTEMS LIMITED**  
*Please note the following bank details*

## **ACCOUNT NO. FOR GBP**

Sort Code: 20-69-15  
Account Number: 33989739  
IBAN: GB90 BARC 2069 1533 9897 39  
SWIFT: BARCGB22  
Account Name: ELYSEE PIPING SYSTEMS LIMITED

## **ACCOUNT NO. FOR EUR**

Sort Code: 20-69-15  
Account Number: 42081255  
IBAN: GB27 BARC 2069 1542 0812 55 SWIFT: BARCGB22





## FEEDBACK

Please scan the QR code on the right side of this page to help us understand more about your experience with us.

We strive to provide the best service to our customers, and your feedback is highly valuable to us.





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**Email:** [elysee@elysee.com.cy](mailto:elysee@elysee.com.cy)

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[elysee-rohrsyste.me.com](http://elysee-rohrsyste.me.com)

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**Elysee WISE Lebanon**  
[elyseewise.com](http://elyseewise.com)

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**Elysee RUS Russia**  
[elysee.com.ru](http://elysee.com.ru)

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