

*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

# Compression Fittings

É - Epsilon Series (Metric - PN 16 bar)

No.  
**332A**

Epsilon Series PN16  
**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

No.  
**332C**

Epsilon Series PN16  
**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

No.  
**334**

Epsilon Series PN16  
**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

No.  
**332D**

Epsilon Series PN16  
**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

# Compression Fittings

A

É - Epsilon Series (Metric - PN 16 bar)

Epsilon Series PN16

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



Code	Size	Bag	Box	
333001601	16 x 1/2" x 16	20	320	L
333001602	16 x 3/4" x 16	20	320	L
333002001	20 x 1/2" x 20	15	225	L
333002002	20 x 3/4" x 20	15	225	L
333002501	25 x 1/2" x 25	10	160	L
333002502	25 x 3/4" x 25	10	160	L
333002503	25 x 1" x 25	10	160	L
333003201	32 x 1/2" x 32	10	100	L
333003202	32 x 3/4" x 32	10	100	L
333003203	32 x 1" x 32	10	100	L
333004004	40 x 1 1/4" x 40	○	45	L
333004005	40 x 1 1/2" x 40		45	L
333005005	50 x 1 1/2" x 50	○	30	L
333005006	50 x 2" x 50	○	30	L
333006306	63 x 2" x 63	○	18	L
333006307	63 x 2 1/2" x 63	○	18	L
333007506	75 x 2" x 75	○	10	L
333007507	75 x 2 1/2" 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. **Tee Male**  
**333A**



Code	Size	Bag	Box	
333A01601	16 x 1/2" x 16	20	320	L
333A01602	16 x 3/4" x 16	20	320	L
333A02001	20 x 1/2" x 20	15	180	L
333A02002	20 x 3/4" x 20	15	180	L
333A02003	20 x 1" x 20	15	160	L
333A02501	25 x 1/2" x 25	15	150	L
333A02502	25 x 3/4" x 25	15	150	L
333A02503	25 x 1" x 25	10	120	L
333A03201	32 x 1/2" x 32		100	L
333A03202	32 x 3/4" x 32		100	L
333A03203	32 x 1" x 32		85	L
333A04003	40 x 1" x 40		50	L
333A04004	40 x 1 1/4" x 40	○	50	L
333A04005	40 x 1 1/2" x 40		50	L
333A05005	50 x 1 1/2" 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 2 1/2" 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. **Tee Reducing**  
**334A**



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. **Tee Increasing**  
**334B**



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. **Cross Tee**  
**333C**



Code	Size	Bag	Box	
333C03202	32 x 3/4" x 3/4" 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

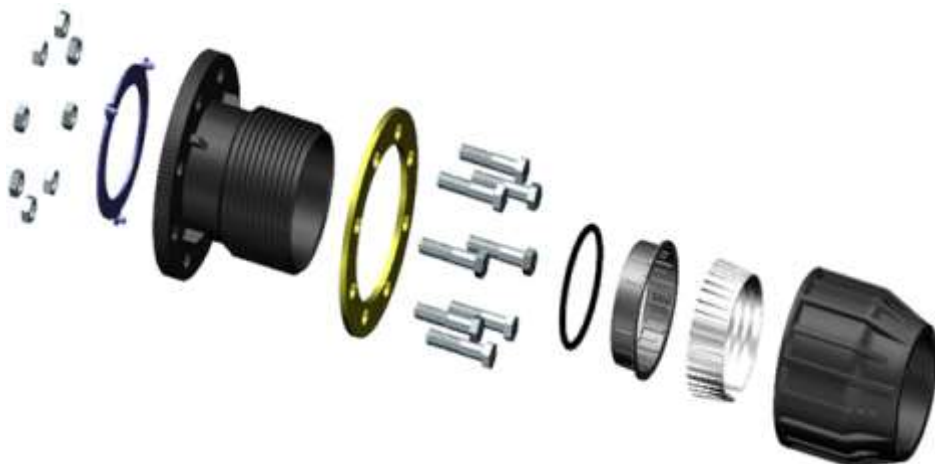


The nerves have been adjusted for the auto-alignment of backing ring at the center of flanged adaptor.

### 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.

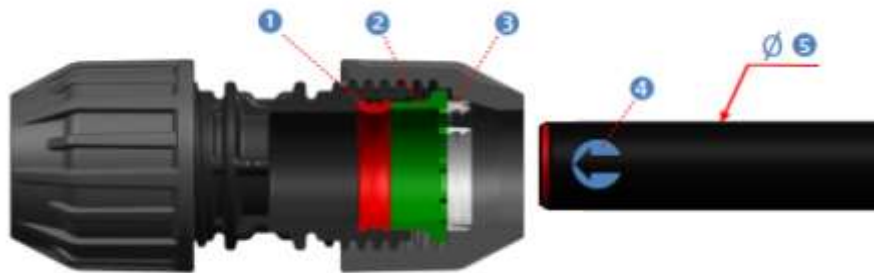
Push-fit technology were pipe can be inserted without force, just by loosening the nut.

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

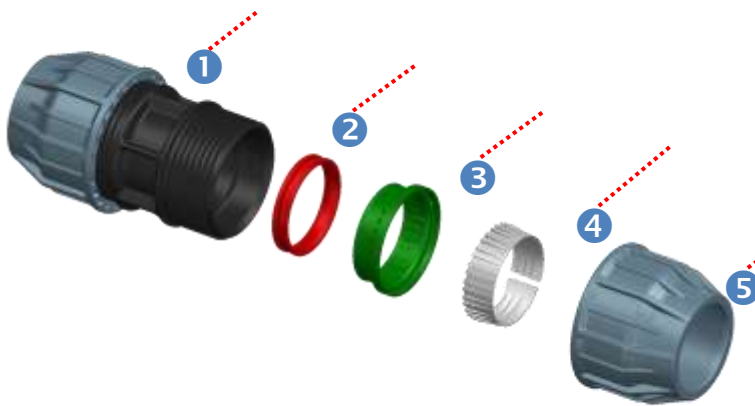


Elysée offers a complete range of Zero-Force fittings for sizes 75, 90 & 110 mm designed for conveyance of fluids, gaseous fuels, compressed air, chemical solutions and slurries under high pressure. Our Zero Force fittings comply with all relevant international standards in terms of dimensions and mechanical 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.



**(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.

## 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

# Compression Fittings

ζ - Zeta Series (Metric - PN 16 bar)

Zeta Series PN16

No. **Adaptor Male**  
**380**



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"	10	100	L
380004005A	40 x 1 1/2"	10	100	L
380004006A	40 x 2"		100	L
380005005A	50 x 1 1/2"	10	80	L
380005006A	50 x 2"	10	70	L
380006305A	63 x 1 1/2"		45	L
380006306A	63 x 2"	10	45	L
<b>Zero Force</b>				
380007506A	75 x 2"		26	L
380007507A	75 x 2 1/2"	10	26	L
380007508A	75 x 3"	10	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. **Adaptor Female**  
**380A**



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"	10	100	L
380A04005A	40 x 1 1/2"		100	L
380A05005A	50 x 1 1/2"	10	80	L
380A05006A	50 x 2"		70	L
380A06306A	63 x 2"	10	45	L
<b>Zero Force</b>				
380A07506A	75 x 2"		26	L
380A07507A	75 x 2 1/2"	10	26	L
380A07508A	75 x 3"	10	26	L
380A09006A	90 x 2"	10	16	L
380A09007A	90 x 2 1/2"	10	16	L
380A09008A	90 x 3"	10	16	L
380A09009A	90 x 4"	10	16	L
380A11008A	110 x 3"	10	8	L
380A11009A	110 x 4"	10	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. **382B**  
**Elbow Female**



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

Zeta Series PN16

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



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. **382A**  
**Elbow Male**



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

Zeta Series PN16

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



Code	Size	Bag	Box	
<b>High Tolerance</b>				
382D02001A	20 x 1/2"	10	240	L
382D02502A	25 x 3/4"	10	140	L

Zeta Series PN16

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



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. **Tee Female**  
**383**



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. **Tee Male**  
**383A**



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. **Adaptor Flanged**  
**380C**



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. **Adaptor Flanged Complete Set with Rubber Seal, Screws & Bolts**  
**380D**



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)

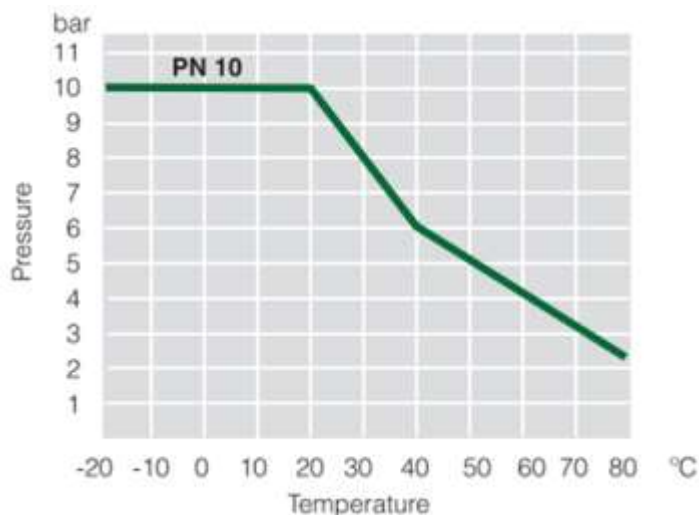
## APPLICATION FIELDS

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"		120	L
360004005A	40 x 1 1/2"		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"		100	L
360005006A	50 x 2"		90	L
360006305A	63 x 1 1/2"		50	L
360006306A	63 x 2"		50	L
360006307A	63 x 2 1/2"		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"		120	L
360A04005A	40 x 1 1/2"		120	L
360A05005A	50 x 1 1/2"		80	L
360A05006A	50 x 2"		80	L
360A06305A	63 x 1 1/2"		50	L
360A06306A	63 x 2"		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

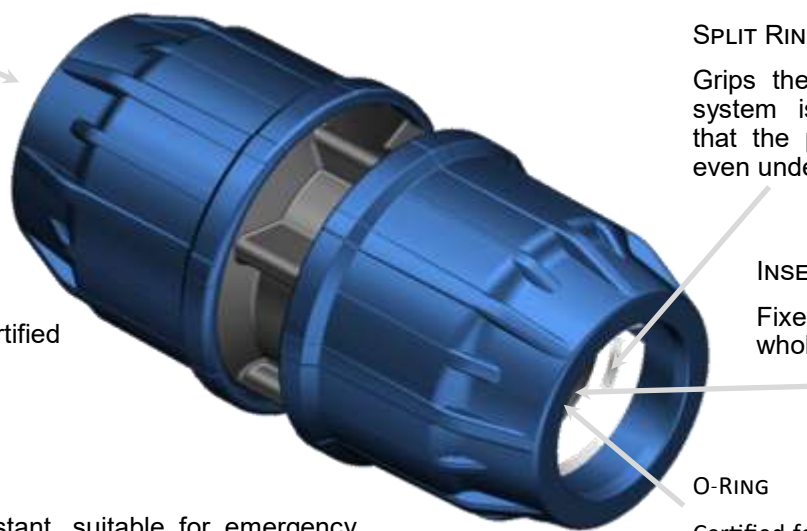
Grips the pipe firmly when the system is assembled ensuring that the pipe is not pulled out, even under maximum force

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 1/2"		250 S
352A02502	25 x 3/4"		150 S
352A03203	32 x 1"		100 S

Omicron (Push Fit) Series PN16

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



Code	Size	Bag	Box
352B02001	20 x 1/2"		250 S
352B02502	25 x 3/4"		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 1/2" x 20		120 S
353025002	25 x 3/4" 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 1/2" x 20		120 S
353A02502	25 x 3/4" 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	3/4" x 3/4"	200	L
262025025	1" x 1"	160	L
262032032	1 1/4" x 1 1/4"	80	L
262040040	1 1/2" x 1 1/2"	50	L
262050050	2" x 2"	36	L

Eta Series (Rural) PN10

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



Code	Size	Bag	Box
262D02001	3/4" x 1/2"	240	L
262D02502	1" x 3/4"	140	L

Eta Series (Rural) PN10

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



Code	Size	Bag	Box
262A02001	3/4" x 1/2"	400	L
262A02002	3/4" x 3/4"	300	L
262A02501	1" x 1/2"	240	L
262A02502	1" x 3/4"	240	L
262A02503	1" x 1"	200	L
262A03202	1 1/4" x 3/4"	140	L
262A03203	1 1/4" x 1"	140	L
262A04004	1 1/2" x 1 1/4"	90	L
262A04005	1 1/2" x 1 1/2"	90	L
262A05005	2" x 1 1/2"	60	L
262A05006	2" x 2"	60	L

Eta Series (Rural) PN10

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



Code	Size	Bag	Box
262B02001	3/4" x 1/2"	375	L
262B02002	3/4" x 3/4"	300	L
262B02501	1" x 1/2"	260	L
262B02502	1" x 3/4"	260	L
262B02503	1" x 1"	200	L
262B03202	1 1/4" x 3/4"	180	L
262B03203	1 1/4" x 1"	140	L
262B04004	1 1/2" x 1 1/4"	75	L
262B04005	1 1/2" x 1 1/2"	75	L
262B05005	2" x 1 1/2"	55	L
262B05006	2" x 2"	55	L

Eta Series (Rural) PN10

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



Code	Size	Bag	Box
264020020	3/4" x 3/4"	120	L
264025025	1" x 1"	100	L
264032032	1 1/4" x 1 1/4"	60	L
264040040	1 1/2" x 1 1/2"	35	L
264050050	2" x 2"	20	L

Eta Series (Rural) PN10

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



Code	Size	Bag	Box
264A02520	1" x 3/4" x 1"	100	L
264A03225	1 1/4" x 1" x 1 1/4"	60	L
264A04032	1 1/2" x 1 1/4" x 1 1/2"	40	L
264A05040	2" x 1 1/2" x 2"	25	L



# Compression Fittings

η - 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

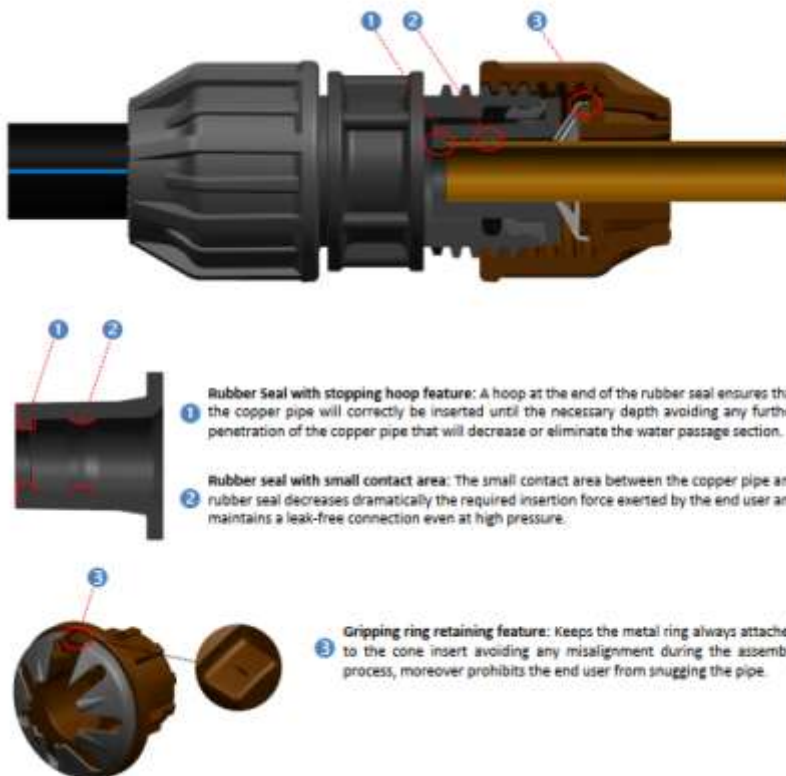
Fittings are suitable for working pressures up to 16 bar @ 20°C and/or the maximum designated by the relevant standard of the pipes in use.

## 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



## 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



*Streaming Water. Streaming Life!*



# 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


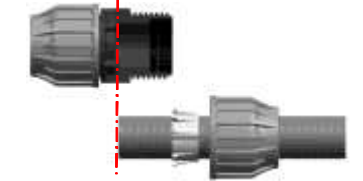
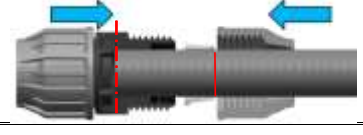
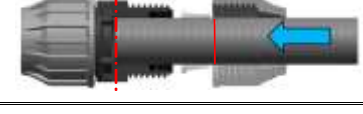

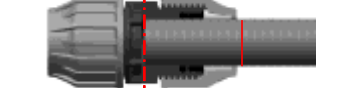
The fittings are suitable for the transportation of abrasive slurries and will withstand normal conditions found in urban, mining, industrial, rural water and waste water systems.

### 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





*Streaming Water. Streaming Life!*



# 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.	



Refer to technical manual for more information

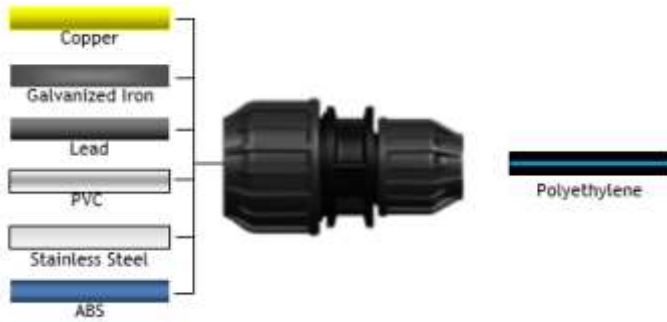
# Compression Fittings

## 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



*Streaming Water. Streaming Life!*



# **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

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## 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



