

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.

Nut

Modern design and unique shape

Split ring

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

Body

Made by top quality and certified raw materials

System

Unbreakable, corrosion resistant, suitable for tough working conditions such as pipe bending and pulling out

Insert

Captive with the body during disassembly even if the pipe is pulled-off

O-Ring

Certified for being in contact with water intended for human consumption



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



Compression Fittings

É - Epsilon Series (Metric - PN 16 bar)

Epsilon Series PN16

No. **Adaptor Male**
380



Code	Size	Bag	Box	
380001610M	16 x 3/8"	25	750	L
380001601M	16 x 1/2"	25	750	L
380001602M	16 x 3/4"	25	750	L
380002001M	20 x 1/2"	25	500	L
380002002M	20 x 3/4"	25	500	L
380002003M	20 x 1"	25	450	L
380002501M	25 x 1/2"	20	360	L
380002502M	25 x 3/4"	20	320	L
380002503M	25 x 1"	20	320	L
380003201M	32 x 1/2"	10	180	L
380003202M	32 x 3/4"	10	180	L
380003203M	32 x 1"	10	180	L
380003204M	32 x 1 1/4"	10	180	L
380003205M	32 x 1 1/2"	10	150	L
380004003M	40 x 1"		100	L
380004004M	40 x 1 1/4"	10	100	L
380004005M	40 x 1 1/2"	10	100	L
380004006M	40 x 2"		100	L
380005003M	50 x 1"		80	L
380005004M	50 x 1 1/4"		80	L
380005005M	50 x 1 1/2"	10	80	L
380005006M	50 x 2"	10	70	L
380006305M	63 x 1 1/2"		45	L
380006306M	63 x 2"	10	45	L
380006307M	63 x 2 1/2"	10	40	L
380007506M	75 x 2"		26	L
380007507M	75 x 2 1/2"	10	26	L
380007508M	75 x 3"	10	26	L
380009006M	90 x 2"		16	L
380009007M	90 x 2 1/2"		16	L
380009008M	90 x 3"		16	L
380009009M	90 x 4"		16	L
380011006M	110 x 2"		8	L
380011008M	110 x 3"		8	L
380011009M	110 x 4"		8	L

Epsilon Series PN16

No. **Adaptor Female**
380A



	Size	Bag	Box	
380A01610M	16 x 3/8"	25	750	L
380A01601M	16 x 1/2"	25	750	L
380A01602M	16 x 3/4"	25	750	L
380A02010M	20 x 3/8"	25	750	L
380A02001M	20 x 1/2"	25	500	L
380A02002M	20 x 3/4"	25	500	L
380A02501M	25 x 1/2"	20	360	L
380A02502M	25 x 3/4"	20	360	L
380A02503M	25 x 1"	20	340	L
380A03201M	32 x 1/2"	10	220	L
380A03202M	32 x 3/4"	10	220	L
380A03203M	32 x 1"	10	220	L
380A03204M	32 x 1 1/4"	10	150	L
380A03205M	32 x 1 1/2"	10	150	L
380A04003M	40 x 1"		100	L
380A04004M	40 x 1 1/4"	10	100	L
380A04005M	40 x 1 1/2"		100	L
380A05004M	50 x 1 1/4"		80	L
380A05005M	50 x 1 1/2"	10	80	L
380A05006M	50 x 2"		70	L
380A06305M	63 x 1 1/2"		45	L
380A06306M	63 x 2"	10	45	L
380A06307M	63 x 2 1/2"		40	L
380A07506M	75 x 2"		26	L
380A07507M	75 x 2 1/2"	10	26	L
380A07508M	75 x 3"	10	26	L
380A09006M	90 x 2"	10	16	L
380A09007M	90 x 2 1/2"	10	16	L
380A09008M	90 x 3"	10	16	L
380A09009M	90 x 4"	10	16	L
380A11008M	110 x 3"	10	8	L
380A11009M	110 x 4"	10	8	L

Compression Fittings

A

É - Epsilon Series (Metric - PN 16 bar)

Epsilon Series PN16

No. 380B End Plug



Code	Size	Bag	Box	
380B00016M	16	25	900	L
380B00020M	20	20	500	L
380B00025M	25	20	340	L
380B00032M	32	10	220	L
380B00040M	40		125	L
380B00050M	50		80	L
380B00063M	63		45	L
380B00075M	75		26	L
380B00090M	90		16	L
380B00110M	110		10	L

Epsilon Series PN16

No. 381 Coupling



	Size	Bag	Box	
381016016M	16 x 16	25	525	L
381020020M	20 x 20	15	315	L
381025025M	25 x 25	15	225	L
381032032M	32 x 32	10	120	L
381040040M	40 x 40		72	L
381050050M	50 x 50		44	L
381063063M	63 x 63		30	L
381075075M	75 x 75		16	L
381090090M	90 x 90		10	L
381110110M	110 x 110		5	L

Epsilon Series PN16

No. 381B Coupling Repair



	Size	Bag	Box	
381B00025M	25 x 25	10	160	L
381B00032M	32 x 32	5	100	L
381B00040M	40 x 40		60	L
381B00050M	50 x 50		35	L
381B00063M	63 x 63		20	L
381B00075M	75 x 75		10	L
381B00090M	90 x 90		8	L
381B00110M	110 x 110		4	L

Epsilon Series PN16

No. 381A Coupling Reducing



Code	Size	Bag	Box	
381A02016M	20 x 16	20	360	L
381A02516M	25 x 16	20	300	L
381A02520M	25 x 20	15	255	L
381A03220M	32 x 20	10	180	L
381A03225M	32 x 25	10	150	L
381A04025M	40 x 25		100	L
381A04032M	40 x 32		85	L
381A05025M	50 x 25		65	L
381A05032M	50 x 32		65	L
381A05040M	50 x 40		60	L
381A06325M	63 x 25		40	L
381A06382M	63 x 32		30	L
381A06340M	63 x 40		30	L
381A06350M	63 x 50		30	L
381A07563M	75 x 63		18	L
381A09063M	90 x 63		12	L
381A09075M	90 x 75		12	L
381A11075M	110 x 75		8	L
381A11090M	110 x 90		8	L

Epsilon Series PN16

No. 382 Elbow



Code	Size	Bag	Box	
382016016M	16 x 16	25	450	L
382020020M	20 x 20	20	240	L
382025025M	25 x 25	15	195	L
382032032M	32 x 32		100	L
382040040M	40 x 40		60	L
382050050M	50 x 50		36	L
382063063M	63 x 63		24	L
382075075M	75 x 75		12	L
382090090M	90 x 90		8	L
382110110M	110 x 110		4	L

Compression Fittings

É - Epsilon Series (Metric - PN 16 bar)

No.
382A

Epsilon Series PN16

Elbow Male



Code	Size	Bag	Box	
382A01601M	16 x ½"	25	600	L
382A01602M	16 x ¾"	25	600	L
382A02001M	20 x ½"	25	425	L
382A02002M	20 x ¾"	25	425	L
382A02501M	25 x ½"	20	360	L
382A02502M	25 x ¾"	20	320	L
382A02503M	25 x 1"	20	300	L
382A03202M	32 x ¾"	10	180	L
382A03203M	32 x 1"	10	180	L
382A04004M	40 x 1¼"		90	L
382A04005M	40 x 1½"		90	L
382A05005M	50 x 1½"		60	L
382A05006M	50 x 2"		60	L
382A06306M	63 x 2"		30	L
382A06307M	63 x 2½"		30	L
382A07507M	75 x 2½"		15	L
382A07508M	75 x 3"		15	L
382A09008M	90 x 3"		10	L
382A11009M	110 x 4"		6	L

No.
382B

Elbow Female



	Size	Bag	Box	
382B02001M	20 x ½"	25	375	L
382B02002M	20 x ¾"	25	375	L
382B02501M	25 x ½"	20	260	L
382B02502M	25 x ¾"	20	260	L
382B02503M	25 x 1"	20	260	L
382B03202M	32 x ¾"	10	180	L
382B03203M	32 x 1"	10	180	L
382B04004M	40 x 1¼"		75	L
382B04005M	40 x 1½"		75	L
382B05005M	50 x 1½"		55	L
382B05006M	50 x 2"		55	L
382B06306M	63 x 2"		30	L
382B06307M	63 x 2½"		30	L
382B07507M	75 x 2½"		15	L
382B07508M	75 x 3"		15	L
382B09008M	90 x 3"		10	L
382B11009M	110 x 4"		6	L

No.
382C

Epsilon Series PN16

Elbow Female for Pop-Up



	Size	Bag	Box	
382C02501M	25 x ½" x 25	15	195	L
382C03201M	32 x ½" x 32	10	100	L
382C03202M	32 x ¾" x 32	10	100	L

No.
384

Epsilon Series PN16

Tee



Code	Size	Bag	Box	
384016016M	16 x 16 x 16	20	260	L
384020020M	20 x 20 x 20	15	150	L
384025025M	25 x 25 x 25	10	110	L
384032032M	32 x 32 x 32		70	L
384040040M	40 x 40 x 40		40	L
384050050M	50 x 50 x 50		25	L
384063063M	63 x 63 x 63		16	L
384075075M	75 x 75 x 75		8	L
384090090M	90 x 90 x 90		5	L
384110110M	110 x 110 x 110		2	L

No.
382D

Epsilon Series PN16

Wall Elbow Female



	Size	Bag	Box	
382D01601M	16 x ½"	10	240	L
382D02001M	20 x ½"	10	240	L
382D02502M	25 x ¾"	10	140	L

Compression Fittings

A

É - Epsilon Series (Metric - PN 16 bar)

Epsilon Series PN16

No. **Tee Female**
383



Code	Size	Bag	Box	
383001601M	16 x ½" x 16	20	320	L
383001602M	16 x ¾" x 16	20	320	L
383002001M	20 x ½" x 20	15	225	L
383002002M	20 x ¾" x 20	15	225	L
383002501M	25 x ½" x 25	10	160	L
383002502M	25 x ¾" x 25	10	160	L
383002503M	25 x 1" x 25	10	160	L
383003201M	32 x ½" x 32	10	100	L
383003202M	32 x ¾" x 32	10	100	L
383003203M	32 x 1" x 32	10	100	L
383004004M	40 x 1¼" x 40	○	45	L
383004005M	40 x 1½" x 40		45	L
383005005M	50 x 1½" x 50	○	30	L
383005006M	50 x 2" x 50	○	30	L
383006306M	63 x 2" x 63	○	18	L
383006307M	63 x 2½" x 63	○	18	L
383007506M	75 x 2" x 75	○	10	L
383007507M	75 x 2½" x 75	○	10	L
383007508M	75 x 3" x 75	○	10	L
383009008M	90 x 3" x 90	○	7	L
383011009M	110 x 4" x 110	○	4	L

Epsilon Series PN16

No. **Tee Male**
383A



Code	Size	Bag	Box	
383A01601M	16 x ½" x 16	20	320	L
383A01602M	16 x ¾" x 16	20	320	L
383A02001M	20 x ½" x 20	15	180	L
383A02002M	20 x ¾" x 20	15	180	L
383A02003M	20 x 1" x 20	15	160	L
383A02501M	25 x ½" x 25	15	150	L
383A02502M	25 x ¾" x 25	15	150	L
383A02503M	25 x 1" x 25	10	120	L
383A03201M	32 x ½" x 32		100	L
383A03202M	32 x ¾" x 32		100	L
383A03203M	32 x 1" x 32		85	L
383A04003M	40 x 1" x 40		50	L
383A04004M	40 x 1¼" x 40	○	50	L
383A04005M	40 x 1½" x 40		50	L
383A05005M	50 x 1½" x 50	○	30	L
383A05006M	50 x 2" x 50		30	L
383A06306M	63 x 2" x 63	○	20	L
383A07506M	75 x 2" x 75		10	L
383A07507M	75 x 2½" x 75		10	L
383A07508M	75 x 3" x 75		10	L
383A09008M	90 x 3" x 90		6	L
383A11009M	110 x 4" x 110	○	2	L

Epsilon Series PN16

No. **Tee Reducing**
384A



Code	Size	Bag	Box	
384A02016M	20 x 16 x 20	10	160	L
384A02520M	25 x 20 x 25	10	120	L
384A03225M	32 x 25 x 32		80	L
384A04032M	40 x 32 x 40		40	L
384A05025M	50 x 25 x 50		25	L
384A05040M	50 x 40 x 50		25	L
384A06325M	63 x 25 x 63		16	L
384A06382M	63 x 32 x 63		16	L
384A06340M	63 x 40 x 63		16	L
384A06350M	63 x 50 x 63		16	L
384A07563M	75 x 63 x 75		8	L
384A09075M	90 x 75 x 90		5	L
384A11090M	110 x 90 x 110		2	L

Epsilon Series PN16

No. **Tee Increasing**
384B



Code	Size	Bag	Box	
384B02025M	20 x 25 x 20	10	120	L
384B02532M	25 x 32 x 25		80	L

Epsilon Series PN16

No. **Cross Tee**
383C



Code	Size	Bag	Box	
383C03202M	32 x ¾" x ¾" x 32		80	L

Compression Fittings

É - Epsilon Series (Metric - PN 16 bar)

Epsilon Series PN16

No. 380C Adaptor Flanged



Code	Size	Bag	Box
380C05005M	50 x 1½"		40 L
380C05006M	50 x 2"		40 L
380C06306M	63 x 2"		20 L
380C06307M	63 x 2½"		15 L
380C07507M	75 x 2½"		10 L
380C07508M	75 x 3"		10 L
380C09008M	90 x 3"		8 L
380C09009M	90 x 4"		5 L
380C11009M	110 x 4"		5 L

Epsilon Series PN16

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



	Size	Bag	Box
380D05005M	50 x 1½"		15 L
380D05006M	50 x 2"		15 L
380D06306M	63 x 2"		10 L
380D06307M	63 x 2½"		15 L
380D07507M	75 x 2½"		10 L
380D07508M	75 x 3"		10 L
380D09008M	90 x 3"		8 L
380D09009M	90 x 4"		6 L
380D11009M	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

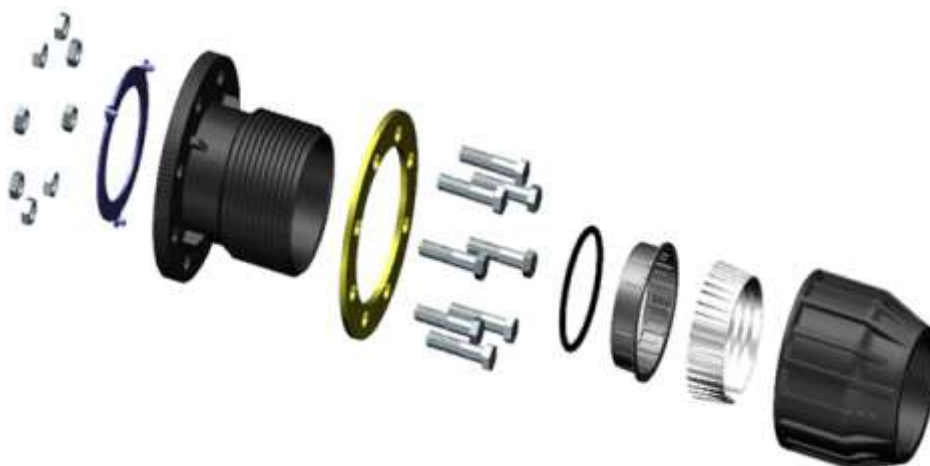


The nerves have been adjusted for the auto-alignment of backing ring at the center of flanged adaptor.

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

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Compression Fittings

ζ - Zeta Series (Metric - PN 16 bar)



- Agriculture
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- 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.

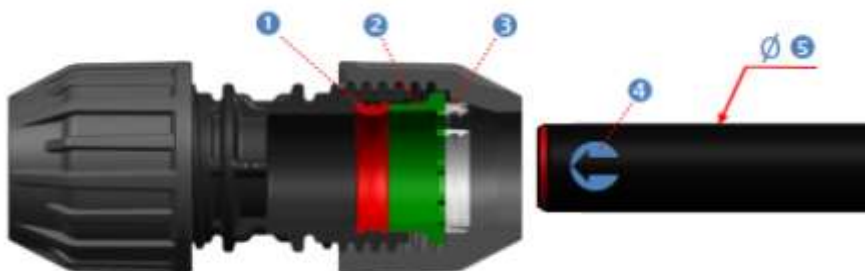
Push-fit technology were pipe can be inserted without force, just by loosening the nut.

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



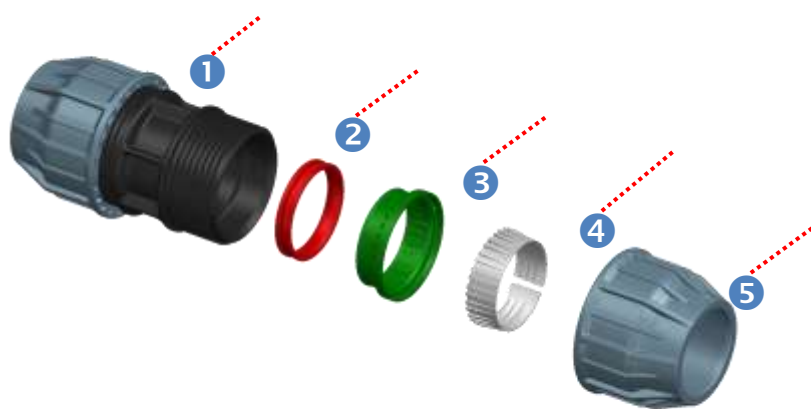
Potable Water

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	
High Tolerance				
380002001Z	20 x ½"	25	500	L
380002002Z	20 x ¾"	25	500	L
380002003Z	20 x 1"	25	450	L
380002501Z	25 x ½"	20	360	L
380002502Z	25 x ¾"	20	320	L
380002503Z	25 x 1"	20	320	L
380003202Z	32 x ¾"	10	180	L
380003203Z	32 x 1"	10	180	L
380003204Z	32 x 1¼"	10	180	L
380003205Z	32 x 1½"	10	150	L
Lip Seal				
380004003Z	40 x 1"		100	L
380004004Z	40 x 1¼"	10	100	L
380004005Z	40 x 1½"	10	100	L
380004006Z	40 x 2"		100	L
380005005Z	50 x 1½"	10	80	L
380005006Z	50 x 2"	10	70	L
380006305Z	63 x 1½"		45	L
380006306Z	63 x 2"	10	45	L
Zero Force				
380007506Z	75 x 2"		26	L
380007507Z	75 x 2½"	10	26	L
380007508Z	75 x 3"	10	26	L
380009006Z	90 x 2"		16	L
380009007Z	90 x 2½"		16	L
380009008Z	90 x 3"		16	L
380009009Z	90 x 4"		16	L
380011006Z	110 x 2"		8	L
380011008Z	110 x 3"		8	L
380011009Z	110 x 4"		8	L

Zeta Series PN16

No. 380A Adaptor Female



	Size	Bag	Box	
High Tolerance				
380A02001Z	20 x ½"	25	500	L
380A02002Z	20 x ¾"	25	500	L
380A02501Z	25 x ½"	20	360	L
380A02502Z	25 x ¾"	20	360	L
380A02503Z	25 x 1"	20	340	L
380A03202Z	32 x ¾"	10	220	L
380A03203Z	32 x 1"	10	220	L
380A03204Z	32 x 1¼"	10	150	L
Lip Seal				
380A04004Z	40 x 1¼"	10	100	L
380A04005Z	40 x 1½"		100	L
380A05005Z	50 x 1½"	10	80	L
380A05006Z	50 x 2"		70	L
380A06306Z	63 x 2"	10	45	L
Zero Force				
380A07506Z	75 x 2"		26	L
380A07507Z	75 x 2½"	10	26	L
380A07508Z	75 x 3"	10	26	L
380A09006Z	90 x 2"	10	16	L
380A09007Z	90 x 2½"	10	16	L
380A09008Z	90 x 3"	10	16	L
380A09009Z	90 x 4"	10	16	L
380A11008Z	110 x 3"	10	8	L
380A11009Z	110 x 4"	10	8	L

Compression Fittings

A

ζ - Zeta Series (Metric - PN 16 bar)-

Zeta Series PN16

No. **Coupling**
381



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

Zeta Series PN16

No. **Coupling Reducing**
381A



Code	Size	Bag	Box	
High Tolerance				
381A02520Z	25 x 20	15	255	L
381A03220Z	32 x 20	10	180	L
381A03225Z	32 x 25	10	150	L
Lip Seal				
381A04025Z	40 x 25		100	L
381A04032Z	40 x 32		85	L
381A05032Z	50 x 32		65	L
381A05040Z	50 x 40		60	L
381A06382Z	63 x 32		30	L
381A06340Z	63 x 40		30	L
381A06350Z	63 x 50		30	L
Zero Force				
381A07563Z	75 x 63		18	L
381A09063Z	90 x 63		12	L
381A09075Z	90 x 75		12	L
381A11075Z	110 x 75		8	L
381A11090Z	110 x 90		8	L

Zeta Series PN16

No. **End Plug**
380B



Code	Size	Bag	Box	
High Tolerance				
380B00020Z	20	20	500	L
380B00025Z	25	20	340	L
380B00032Z	32	10	220	L
Lip Seal				
380B00040Z	40		125	L
380B00050Z	50		80	L
380B00063Z	63		45	L
Zero Force				
380B00075Z	75		26	L
380B00090Z	90		16	L
380B00110Z	110		10	L

Zeta Series PN16

No. **Elbow**
382



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

Zeta Series PN16

No. 382B Elbow Female



Code	Size	Bag	Box	
High Tolerance				
382B02001Z	20 x ½"	25	375	L
382B02002Z	20 x ¾"	25	375	L
382B02501Z	25 x ½"	20	260	L
382B02502Z	25 x ¾"	20	260	L
382B02503Z	25 x 1"	20	260	L
382B03203Z	32 x 1"	10	180	L
Lip Seal				
382B04004Z	40 x 1¼"		75	L
382B04005Z	40 x 1½"		75	L
382B05005Z	50 x 1½"		55	L
382B05006Z	50 x 2"		55	L
382B06306Z	63 x 2"		30	L
Zero Force				
382B07507Z	75 x 2½"		15	L
382B07508Z	75 x 3"		15	L
382B09008Z	90 x 3"		10	L
382B11009Z	110 x 4"		6	L

Zeta Series PN16

No. 384 Tee



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

Zeta Series PN16

No. 382A Elbow Male



	Size	Bag	Box	
High Tolerance				
382A02001Z	20 x ½"	25	425	L
382A02502Z	25 x ¾"	20	320	L
382A03203Z	32 x 1"	10	180	L
Lip Seal				
382A04004Z	40 x 1¼"		90	L
382A04005Z	40 x 1½"		90	L
382A05005Z	50 x 1½"		60	L
382A05006Z	50 x 2"		60	L
382A06306Z	63 x 2"		30	L
Zero Force				
382A07507Z	75 x 2½"		15	L
382A07508Z	75 x 3"		15	L
382A09008Z	90 x 3"		10	L
382A11009Z	110 x 4"		6	L

Zeta Series PN16

No. 382 Wall Elbow Female



Code	Size	Bag	Box	
High Tolerance				
382020020Z	20 x ½"	10	240	L
382025025Z	25 x ¾"	10	140	L

Zeta Series PN16

No. 384A Tee Reducing



	Size	Bag	Box	
High Tolerance				
384A02520Z	25 x 20 x 25	10	120	L
384A03225Z	32 x 25 x 32		80	L
Lip Seal				
384A05040Z	50 x 40 x 50		25	L
384A06350Z	63 x 50 x 63		16	L
Zero Force				
384A07563Z	75 x 63 x 75		8	L
384A09075Z	90 x 75 x 90		5	L
384A11090Z	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	
High Tolerance				
383002001Z	20 x 1/2" x 20	15	225	L
383002002Z	20 x 3/4" x 20	15	225	L
383002501Z	25 x 1/2" x 25	10	160	L
383002502Z	25 x 3/4" x 25	10	160	L
383002503Z	25 x 1" x 25	10	160	L
383003202Z	32 x 3/4" x 32	10	100	L
383003203Z	32 x 1" x 32	10	100	L
Lip Seal				
383004004Z	40 x 1 1/4" x 40	○	45	L
383004005Z	40 x 1 1/2" x 40		45	L
383005005Z	50 x 1 1/2" x 50	○	30	L
383005006Z	50 x 2" x 50	○	30	L
383006306Z	63 x 2" x 63	○	18	L
Zero Force				
383007506Z	75 x 2" x 75	○	10	L
383007507Z	75 x 2 1/2" x 75	○	10	L
383007508Z	75 x 3" x 75	○	10	L
383009008Z	90 x 3" x 90	○	7	L
383011009Z	110 x 4" x 110	○	4	L

Zeta Series PN16

No. **383A**
Tee Male



	Size	Bag	Box	
High Tolerance				
383A02001Z	20 x 1/2" x 20	15	180	L
383A02002Z	20 x 3/4" x 20	15	180	L
383A02501Z	25 x 1/2" x 25	15	150	L
383A02502Z	25 x 3/4" x 25	15	150	L
383A02503Z	25 x 1" x 25	10	120	L
383A03202Z	32 x 3/4" x 32		100	L
383A03203Z	32 x 1" x 32		85	L
High Tolerance				
383A04004Z	40 x 1 1/4" x 40	○	50	L
383A04005Z	40 x 1 1/2" x 40		50	L
383A05005Z	50 x 1 1/2" x 50	○	30	L
383A05006Z	50 x 2" x 50		30	L
383A06306Z	63 x 2" x 63	○	20	L
Zero Force				
383A07506Z	75 x 2" x 75		10	L
383A07507Z	75 x 2 1/2" x 75		10	L
383A07508Z	75 x 3" x 75		10	L
383A09008Z	90 x 3" x 90		6	L
383A11009Z	110 x 4" x 110	○	2	L

Zeta Series PN16

No. **380C**
Adaptor Flanged



Code	Size	Bag	Box	
Lip Seal				
380C05005Z	50 x 1 1/2"		40	L
380C05006Z	50 x 2"		40	L
380C06306Z	63 x 2"		20	L
380C06307Z	63 x 2 1/2"		15	L
Zero Force				
380C07507Z	75 x 2 1/2"		10	L
380C07508Z	75 x 3"		10	L
380C09008Z	90 x 3"		8	L
380C09009Z	90 x 4"		5	L
380C11009Z	110 x 4"		5	L

Zeta Series PN16

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



	Size	Bag	Box	
Lip Seal				
380D05005Z	50 x 1 1/2"		15	L
380D05006Z	50 x 2"		15	L
380D06306Z	63 x 2"		10	L
380D06307Z	63 x 2 1/2"		15	L
Zero Force				
380D07507Z	75 x 2 1/2"		10	L
380D07508Z	75 x 3"		10	L
380D09008Z	90 x 3"		8	L
380D09009Z	90 x 4"		6	L
380D11009Z	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)

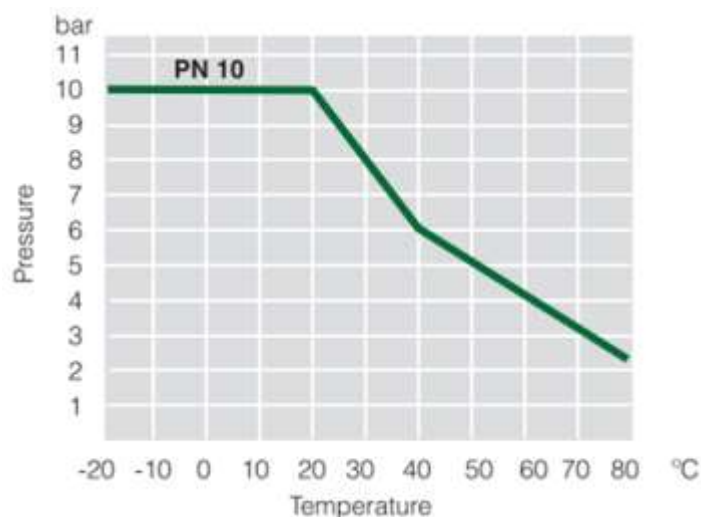
APPLICATION FIELDS

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**
370



	Code	Size	Bag	Box	
•	370002001M	20 x ½"	20	600	L
•	370002002M	20 x ¾"	20	600	L
•	370002003M	20 x 1"	20	480	L
•	370002501M	25 x ½"	20	340	L
•	370002502M	25 x ¾"	20	340	L
•	370002503M	25 x 1"	20	320	L
•	370003201M	32 x ½"	20	200	L
•	370003202M	32 x ¾"	20	200	L
•	370003203M	32 x 1"	20	200	L
•	370003204M	32 x 1¼"	20	200	L
•	370003205M	32 x 1½"	20	180	L
•	370004003M	40 x 1"		120	L
•	370004004M	40 x 1¼"		120	L
•	370004005M	40 x 1½"		120	L
•	370004006M	40 x 2"		120	L
•	370005003M	50 x 1"		100	L
•	370005004M	50 x 1¼"		100	L
•	370005005M	50 x 1½"		100	L
•	370005006M	50 x 2"		90	L
•	370006305M	63 x 1½"		50	L
•	370006306M	63 x 2"		50	L
•	370006307M	63 x 2½"		50	L

Lambda Series PN10

No. **Adaptor Female**
370A



		Size	Bag	Box	
•	370A02001M	20 x ½"	20	500	L
•	370A02002M	20 x ¾"	20	500	L
•	370A02501M	25 x ½"	20	380	L
•	370A02502M	25 x ¾"	20	380	L
•	370A02503M	25 x 1"	20	380	L
•	370A03201M	32 x ½"	20	220	L
•	370A03202M	32 x ¾"	20	220	L
•	370A03203M	32 x 1"	20	220	L
•	370A03204M	32 x 1¼"	20	220	L
•	370A04003M	40 x 1"		120	L
•	370A04004M	40 x 1¼"		120	L
•	370A04005M	40 x 1½"		120	L
•	370A05005M	50 x 1½"		80	L
•	370A05006M	50 x 2"		80	L
•	370A06305M	63 x 1½"		50	L
•	370A06306M	63 x 2"		50	L
•	370A06307M	63 x 2½"		45	L

Lambda Series PN10

No. **Coupling**
371



		Size	Bag	Box	
•	371020020M	20	20	280	L
•	371025025M	25	20	220	L
•	371032032M	32	15	120	L
•	371040040M	40		90	L
•	371050050M	50		60	L
•	371063063M	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**
372



		Size	Bag	Box	
•	372020020M	20	20	240	L
•	372025025M	25	20	200	L
•	372032032M	32	20	100	L
•	372040040M	40		80	L
•	372050050M	50		45	L
•	372063063M	63		30	L

Lambda Series PN10

No. **Elbow Male**
362A



	Code	Size	Bag	Box	
•	362A02001A	20 x ½"	20	500	L
•	362A02002A	20 x ¾"	20	500	L
•	362A02501A	25 x ½"	20	280	L
•	362A02502A	25 x ¾"	20	280	L
•	362A02503A	25 x 1"	20	240	L
•	362A03202A	32 x ¾"	20	180	L
•	362A03203A	32 x 1"	20	180	L
•	362A04004A	40 x 1¼"		110	L
•	362A04005A	40 x 1½"		110	L
•	362A05005A	50 x 1½"		75	L
•	362A05006A	50 x 2"		75	L
•	362A06306A	63 x 2"		40	L
•	362A06307A	63 x 2½"		40	L

Lambda Series PN10

No. **Elbow Female**
372B



		Size	Bag	Box	
•	372B02001M	20 x ½"	20	360	L
•	372B02002M	20 x ¾"	20	360	L
•	372B02501M	25 x ½"	20	320	L
•	372B02502M	25 x ¾"	20	320	L
•	372B02503M	25 x 1"	10	200	L
•	372B03202M	32 x ¾"	10	160	L
•	372B03203M	32 x 1"	20	160	L
•	372B04004M	40 x 1¼"		90	L
•	372B04005M	40 x 1½"		90	L
•	372B05005M	50 x 1½"		70	L
•	372B05006M	50 x 2"		70	L
•	372B06306M	63 x 2"		40	L
•	372B06307M	63 x 2½"		40	L

Lambda Series PN10

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



	Code	Size	Bag	Box	
•	362C02501A	25 x ½" x 25		170	L
•	362C03201A	32 x ½" x 32		100	L
•	362C03202A	32 x ¾" x 32		100	L

Compression Fittings

A

λ - Lambda Series (Metric - PN 10 bar)

Lambda Series PN10

No. **364**
Tee



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. **374A**
Tee Reducing



	Size	Bag	Box	
374A02520M	25 x 20 x 25	10	100	L
374A03225M	32 x 25 x 32		60	L
374A04032M	40 x 32 x 40		40	L
374A05040M	50 x 40 x 50		35	L
374A06350M	63 x 50 x 63		10	L

Lambda Series PN10

No. **363**
Tee Female



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. **373A**
Tee Male



	Size	Bag	Box	
373A02001M	20 x 1/2" x 20	20	220	L
373A02002M	20 x 3/4" x 20	20	220	L
373A02003M	20 x 1" x 20	20	200	L
373A02501M	25 x 1/2" x 25	10	160	L
373A02502M	25 x 3/4" x 25	10	160	L
373A02503M	25 x 1" x 25	10	160	L
373A03201M	32 x 1/2" x 32		100	L
373A03202M	32 x 3/4" x 32		100	L
373A03203M	32 x 1" x 32		100	L
373A04003M	40 x 1" x 40		60	L
373A04004M	40 x 1 1/4" x 40		60	L
373A04005M	40 x 1 1/2" x 40		60	L
373A05005M	50 x 1 1/2" x 50		40	L
373A05006M	50 x 2" x 50		40	L
373A06306M	63 x 2" x 63		25	L

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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. 350 Adaptor Male



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. 350A Adaptor Female



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. 351 Coupling



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

Omicron (Push Fit) Series PN16

No. 351A Coupling Reducing



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

Omicron (Push Fit) Series PN16

No. 350B End Plug



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

Omicron (Push Fit) Series PN16

No. 352 Elbow



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

Compression Fittings

Ó - Omicron Series (Metric - PN 16 bar)

Omicron (Push Fit) Series PN16

No. **Elbow Male**
352A



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. **Elbow Female**
352B



	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. **Tee**
354



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

Omicron (Push Fit) Series PN16

No. **Tee Reducing**
354A



	Size	Bag	Box	
354A02525	25 x 20 x25		60	S
354A03225	32 x 25 x 32		45	S

Omicron (Push Fit) Series PN16

No. **Tee Female**
353



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. **Tee Male**
353A



	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

ή - Eta Series (Australian Rural PN10 bar)

Eta Series (Rural) PN10

No. 260 Adaptor Male



	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. 260A Adaptor Female



		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. 260B End Plug



	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. 261 Coupling



	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. 261A Coupling Reducing



		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

η - 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



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

Eta Series (Rural) PN10

No. **262A**
Elbow Male



		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



		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)

No.
263

Eta Series (Rural) PN10

Tee Female



	Code	Size	Bag	Box	
•	263002001	¾" x ½" x ¾"		180 L	
•	263002002	¾" x ¾" x ¾"		180 L	
•	263002501	1" x ½" x 1"		140 L	
•	263002502	1" x ¾" x 1"		140 L	
•	263002503	1" x 1" x 1"		120 L	
•	263003202	1¼" x ¾" x 1¼"		80 L	
•	263003203	1¼" x 1" x 1¼"		80 L	
•	263004004	1½" x 1¼" x 1½"		45 L	
•	263004005	1½" x 1½" x 1½"		45 L	
•	263005005	2" x 1½" x 2"		30 L	
•	263005006	2" x 2" x 2"		30 L	

No.
263A

Eta Series (Rural) PN10

Tee Male



		Size	Bag	Box	
•	263A02001	¾" x ½" x ¾"		180 L	
•	263A02002	¾" x ¾" x ¾"		180 L	
•	263A02003	¾" x 1" x ¾"		160 L	
•	263A02501	1" x ½" x 1"		150 L	
•	263A02502	1" x ¾" x 1"		140 L	
•	263A02503	1" x 1" x 1"		160 L	
•	263A03201	1¼" x ½" x 1¼"		100 L	
•	263A03202	1¼" x ¾" x 1¼"		100 L	
•	263A03203	1¼" x 1" x 1¼"		80 L	
•	263A04003	1½" x 1" x 1½"		50 L	
•	263A04004	1½" x 1¼" x 1½"		50 L	
•	263A04005	1½" x 1½" x 1½"		50 L	
•	263A05005	2" x 1½" 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

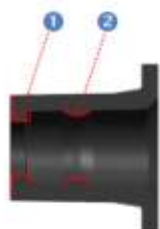
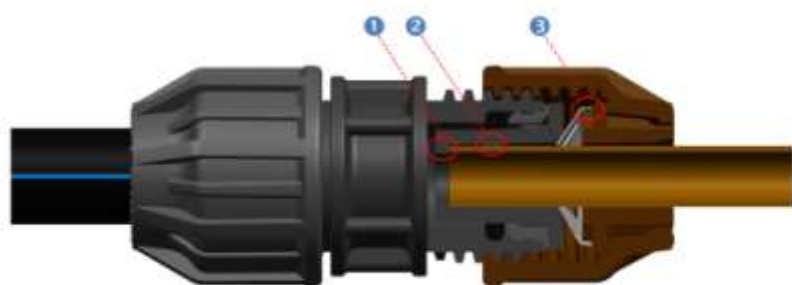
Fittings are suitable for working pressures up to 16 bar @ 20°C and/or the maximum designated by the relevant standard of the pipes in use.

DIMENSIONS AND CHARACTERISTICS

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

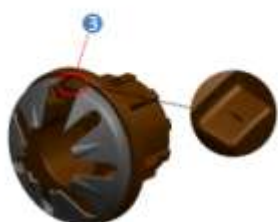
APPLICATION FIELDS

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

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

Copper Series

No. 251K Coupling Poly to Copper



Code	Size	Bag	Box	
251K02001	20 x ½"		400	L
251K02002	20 x ¾"		100	L
251K02501	25 x ½"		260	L
251K02502	25 x ¾"		160	L
251K03202	32 x ¾"		160	L

Copper Series

No. 254K Tee Poly to Copper



	Size	Bag	Box	
254K02001	25 x ½"		260	L
254K02501	25 x ¾"		160	L
254K02502	32 x ¾"		160	L

Copper Series

No. 252K Elbow Poly to Copper



Code	Size	Bag	Box	
252K02001	20 x ½"		400	L
252K02502	20 x ¾"		300	L

Spare Part

No. 259K Copper KIT



	Size	Bag	Box	
259K00001	½" - (20)		400	L
259K00002	¾" - (25)		300	L

Spare Part

No. 269R Conversion KIT to Rural



Code	Size	Bag	Box	
269R00020	¾" - (20)			L
269R00025	1" - (25)			L
269R00032	1¼" - (32)			L
269R00040	1½" - (40)			L
269R00050	2" - (50)			L

Spare Part

No. 269M Conversion KIT to Metric



	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

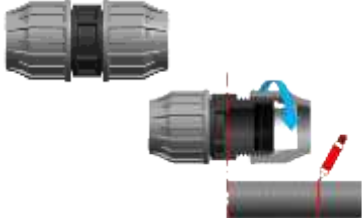
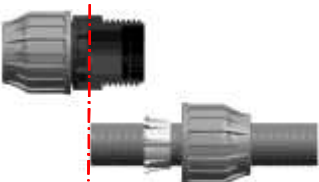
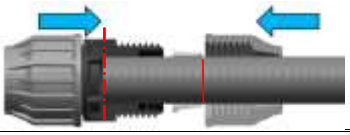
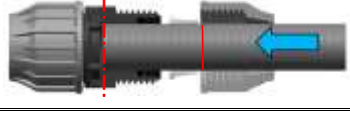

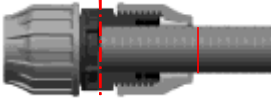
The fittings are suitable for the transportation of abrasive slurries and will withstand normal conditions found in urban, mining, industrial, rural water and waste water systems.

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 stop.
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)



	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)



	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)



	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 Gluer (PVC)



	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

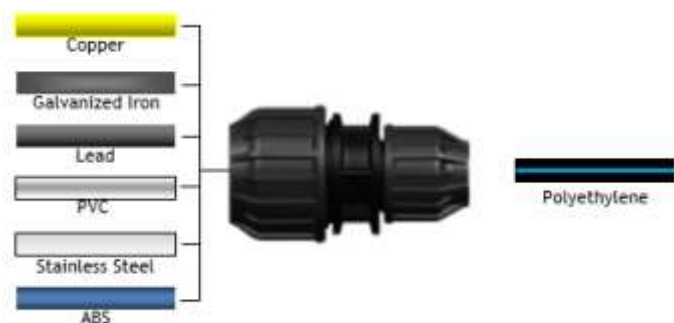
Compression Fittings

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**



	Size	Bag	Box	
321D02220M	15-22 x 20		80	S
321D02225M	15-22 x 25		80	S
321D02725M	20-27 x 25		70	S
321D02732M	20-27 x 32		60	S
321D03425M	27-34 x 25		60	S
321D03432M	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	
321C02015M	20 x 15	15	400	L
321C02515M	25 x 15	20	300	L
321C02522M	25 x 22	10	260	L
321C03222M	32 x 22	10	160	L
321C03228M	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

No.
P384

Spare Part

Cap Metric PN 16



Code	Size	Bag	Box
P384M000016	16		L
P384M000020	20		L
P384M000025	25		L
P384M000032	32		L
P384M000040	40		L
P384M000050	50		L
P384M000063	63		L
P384M000075	75		L
P384M000090	90		L
P384M000110	110		L

No.
P34

Spare Part

Split Ring Metric PN16



	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

No.
P377

Spare Part

Cap Metric PN 10



Code	Size	Bag	Box
P377M000020	20		L
P377M000025	25		L
P377M000032	32		L
P377M000040	40		L
P377M000050	50		L
P377M000063	63		L

No.
P376

Spare Part

Split Ring Metric PN10



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

No.
P345

Spare Part

Insert Adaptor



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

No.
342

Spare Part

"O" Ring



	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

Spare Parts - Accessories & Tools

A

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**
PZF
Only for Replacement
NOT for Upgrade



	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)**
P58



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



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

