

Streaming Water. Streaming Life!



Compression Fittings

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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



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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



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

Omicron (Push Fit) Series PN16

No. 351A Coupling Reducing



| Code | 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



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

Compression Fittings

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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



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

Omicron (Push Fit) Series PN16

No. **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



| Code | 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



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

