

*Streaming Water. Streaming Life!*



# Compression Fittings

## Compression Fittings

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#### **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

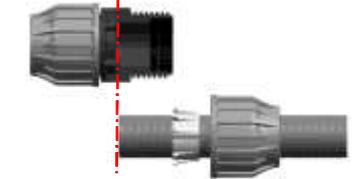
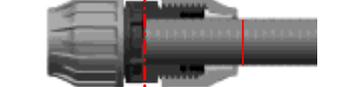
The fittings are suitable for the transportation of abrasive slurries and will withstand normal conditions found in urban, mining, industrial, rural water and waste water systems.

### 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

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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

