

PVC pressure fittings

VDL Fittings



The VDL package of pressure fittings comprises a wide range of injection moulded and tubular fittings for PVC pressure pipeline systems.

APPLICATION

- ✓ Sprinkler installations
- ✓ Drinking water applications
- ✓ Chemical installations
- ✓ Food industry
- ✓ Plumbing and swimming pool technology

For drip irrigation systems there are combined PVC/PE compression joints, with and without ball valves. PVC-C is used in applications that demand a higher heat resistance up to 80°C.

CHARACTERISTICS

PVC-U - Glue Joints	: 10 mm to 400 mm
- Screw thread joints	: 1/4" to 8" BSP
PVC-C - Glue joints	: 20 mm to 110 mm
- Screw thread joints	: 1/2" to 2" BSP

INSTALLATION & MAINTENANCE

- ✓ A gap-filling glue is required for making glued joints (see processing instructions for glue).
- ✓ PTFE tape or a flat ring has to be used for screw thread joints.

With PVC-C, the expected service life for applications up to 70°C is 25 years. Above 70°C the expected service life drops to 10 years.

TECHNICAL DATA

Materials

PVC-U	Polyvinyl chloride without plasticisers	Very good properties at 0°C up to 60 °C
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Seals

EPDM	Ethylene propylene diene monomer	Generally used rubber seals
FPM	Fluorocarbon elastomer (Viton®)	High resistance to solvents and acids
PTFE	Polytetrafluoroethylene (Teflon®)	Tape for sealing screw threads

PVC-U

Standards

PVC-U	DIN 8063, ISO 727, KIWA NO. BRL 504/02
Thread connection	DIN 2999, ISO R7 (for sealing screw thread)

Materials

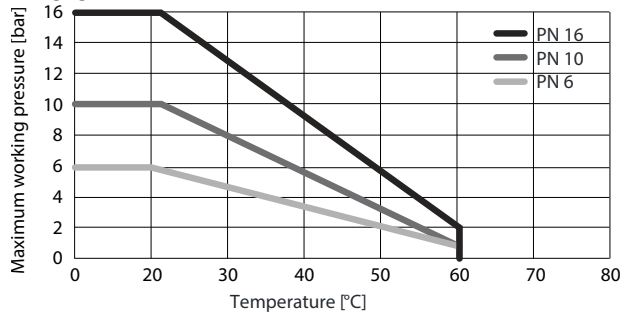
PVC-C	Chlorinated polyvinyl chloride	Higher heat resistance up to 80°C
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PVC-C (Optional)

Seals

PVC-C	EN-ISO 15493
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PVC-U



PVC-C

