

ENGLISH

GENERAL

VDL is a producer of a comprehensive range of injection moulded fittings and fittings made of tube for PVC and PE pressure pipe systems. These are available in the sizes:

- PVC** - Solvent cement jointing: 10 mm up to 400 mm
- Threaded fittings: ¼" up to 8" BSP
- PE** - Compression joints: 16 mm up to 110 mm
- Threaded fittings: ¾" up to 4" BSP

MATERIAL

- PVC-U** = Unplasticised polyvinylchloride
(with tin based stabilizer)
- PP** = Polypropylene
- PE** = Polyethylene

A KIWA ATA certificate is obtained for the raw materials used by VDL. Therefore the products are suitable to be used in:

- Chemical installations
- Potable water applications
- Food and beverage industry
- Swimmingpools
- Irrigation

PVC-U is not suitable for use in compressed air pipelines.

DIMENSIONS AND STANDARDS

The fittings are in accordance with following standards:

- PVC-U** - NEN-EN-ISO 1452-3
- ISO 7
- ISO 228
- KIWA BRL-K 17301
- PE** - KIWA BRL-K 17105
- ISO 1507

OPERATING PRESSURES AND TESTS

The operating pressures as mentioned in the catalogue are based on water pressure at 20° C. Samples of VDL fittings are taken at random from the production and submitted to pressure tests. These pressure tests simulate a lifetime of 50 years at the indicated operating pressure at 20° C.

Working pressure	KIWA	VDL
6 bar	-	PN 6
7.5 bar	-	-
10 bar	PN 10	PN 10
16 bar	PN 16	PN 16

JOINTING

A solvent cement with gap-filling properties must be used. (Here we may refer to the instructions for solvent welding issued by the glue manufacturers).

Joints made with threaded fittings should incorporate a suitable sealant to effect a good seal.

MARKING

Most VDL fittings incorporate following marks:

- VDL** - Name: Van de Lande B.V.
- PVC-U** - Material
Unplasticised polyvinylchloride
- 63** - Size: Diameter 63 mm
- PN 16** - Nominal pressure: 16 bar
- KIWA PN 16** - Nominal pressure in: 16 bar
- accordance with KIWA
- DN 50** - Nominal Bore: Diameter 50 mm

GASKETS

Gaskets supplied as standard are made from: E.P.D.M.
Also available, as option, is: F.P.M.

ORDERING

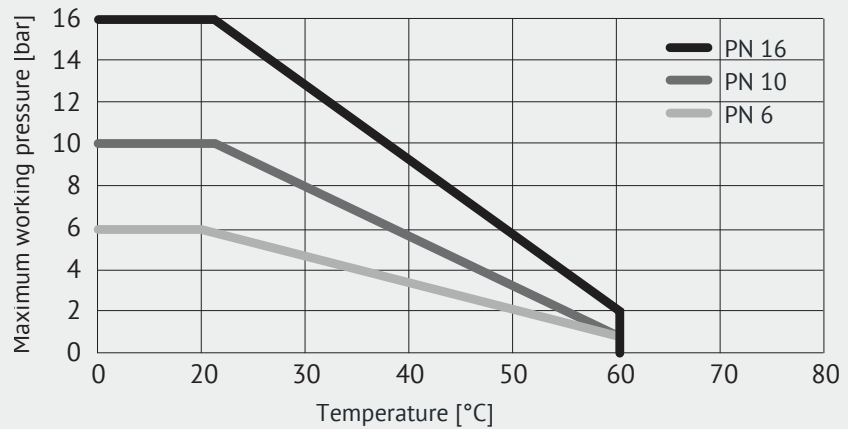
The VDL code numbers, shown in this catalogue must be used when ordering items. If you have any questions, please do not hesitate to contact our sales department.

We reserve the right to change sizes or designs without previous notice. Viton® is a registered trademark of DuPont Performance Elastomers.

DATA PVC-U

Info PVC-U
 Daten PVC-U
 Caractéristiques PVC-U
 Dati PVC-U
 Información PVC-U

PRESSURE/TEMPERATURE DIAGRAM PVC-U

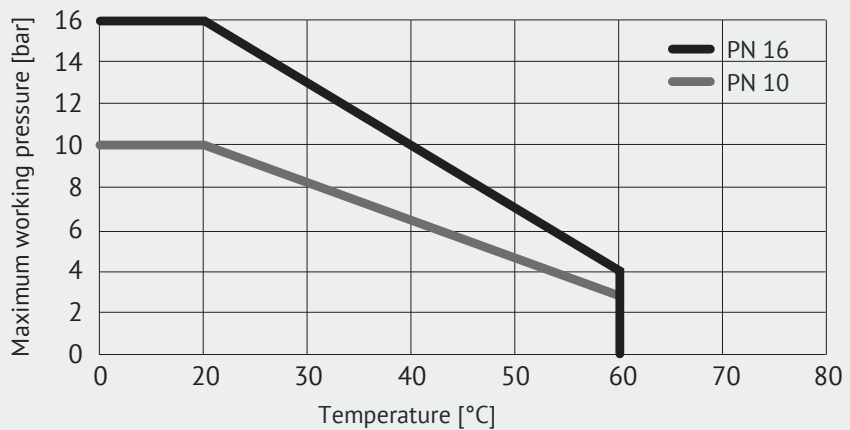


PVC Testpressures according to EN-1452-3
 PVC Druktesten volgens EN-1452-3
 PVC Versuchsdruck festgesetzt zufolge EN-1452-3
 Pression d'essai PVC déterminé par EN-1452-3
 Controllo di pressione PVC determinato secondo EN-1452-3
 Presión de ensayos en PVC determinado según EN-1452-3

DATA PP

Info PP
 Daten PP
 Caractéristiques PP
 Dati PP
 Información PP

PRESSURE/TEMPERATURE DIAGRAM PP



PP Testpressures according to EN-1452-3
 PP Druktesten volgens EN-1452-3
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