

CHEMIKLER L-UPE



CHEMICALS & PHARMACEUTICALS

Chemical and corrosive products/
Transfer



APPLICATIONS

Suction and discharge of virtually all corrosive chemicals: strong acids, high aromatic solvents, chlorinated or oxygenised solvents, aromatic hydrocarbons, etc.

For road and rail tankers, loading and unloading bays.

ADVANTAGES

- A versatile hose for a wide range of chemicals.
- Very good mechanical strength.
- Hose construction gives excellent bending radius.
- Inner tube in accordance with directives of American Food and Drug Administration (FDA).
- Smooth tube for easier washing out (up to 140°C during 30 minutes).
- Excellent resistance to ageing, atmospheric conditions and ozone.
- Optimum resistance to abrasion and chemicals.
- Can be fitted with many types of couplings.

COUPLING/FITTINGS

Specially designed fittings are available, please contact us for further information in order to get optimum connections.

COMPLEMENTARY INFORMATION

The electrical properties of this hose make it safe to use in ATEX areas.

TECHNICAL DESCRIPTION

Inner tube	chemical resistant UPE (ultra high molecular weight polyethylene), black, smooth.
Reinforcement	synthetic textile with embedded steel helix
Cover	chemical and weather resistant EPDM, black, fabric impression, corrugated.
Working temperature	-40°C => +100°C.
Electrical Properties	conductive UPE tube, $R \leq 10^6 \Omega/\text{lg}$. Can be used in ATEX zones.
Special Properties	Max. vacuum: 0.9 bar.

STANDARD/APPROVAL

EN 12115.

EN

EU regulations No. 1935/2004, 2023/2006, 10/2011.

EU

FDA regulation No. 21 CFR 177.1520.

FDA

French directive TMD (carriage of dangerous goods in France)

TMD



and embossed: TRELLEBORG - EN 12115:2021 - UPE - SD - ND - WP 10bar - -40°C TO +100°C - Ω CL/T - quarter/year - batch number - Made in France



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ID (MM)	OD (MM)	WORKING PRESSURE (BAR)	BURSTING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	LENGTH (M)	ARTICLE NUMBER
50.0	66.0	10	40	150	1.77	40.0	5600142
75.0	91.0	10	40	250	2.67	40.0	5013750
100.0	116.0	10	40	350	3.79	40.0	5600325

Tolerance on length: $\pm 1\%$ (ISO 1307 Standard).

