

PHARMAKLER UPE

CHEMICAL AND PETROCHEMICAL

Chemical and corrosive products/Transfer



Applications

For unloading bays, as well as mobile or fixed installations in fine chemicals, pharmaceutical and cosmetics industries, especially in potentially explosive areas. Suction and discharge of virtually all corrosive chemicals: strong acids, high aromatic solvents, chlorinated or oxygenised solvents, aromatic hydrocarbons, etc.

Advantages

- A versatile hose for a wide range of chemicals.
- Inner tube fully complies with FDA requirements.
- Smooth inner tube for easier cleaning (up to 140 °C during 30 minutes).
- Very good mechanical strength.
- Hose construction gives excellent bending radius.
- Non-staining cover with optimum resistance to ageing, atmospheric conditions and ozone.
- Optimum resistance of cover to abrasion and chemicals.
- OD sizes compatible with half-shell clamps.

Technical description

Inner tube: UPE (ultra high molecular weight polyethylene), white, smooth.

Reinforcement: synthetic textile with embedded steel helix.

Cover: chemical and weather resistant NBR, purple, fabric impression.

Temperature range: - 40 °C to + 100 °C.

Electrical properties:

Cover $R < 10^8 \Omega/\text{lg}$.

Electrical resistance through the hose $R < 10^9 \Omega$.

Standard/Approval: EN 12115.

Couplings/Fittings

We recommend swaging of Trelleborg specially designed fittings, please contact us for further information.

ID		Wall thickness	OD		Working pressure	Bursting pressure	Max. vacuum	Bending radius	Weight	Length	Notes
mm		mm	mm		bar	bar	bar	mm	kg/m	m	
25.0	± 0.5	6.00	37.0	± 1.0	10	40	0.9	60	0.93	20 - 40	
32.0	± 0.5	6.00	44.0	± 1.0	10	40	0.9	85	1.14	20 - 40	
38.0	± 0.5	6.50	51.0	± 1.0	10	40	0.9	135	1.37	20 - 40	
50.0	± 0.7	7.75	65.5	± 1.2	10	40	0.9	185	2.21	20 - 40	

Length in orange = stock item. Length in black = non stock (consult us for minimum quantity of order).

Branding:



and embossed: TRELLEBORG - EN 12115:2011 - UPE - SD - ND - WP 10 BAR - - 40 °C/+ 100 °C - M/T - quarter/year - batch number - Made in France