

CHEMIKLER FEP

CHEMICAL PETROCHEMICAL

Chemical and corrosive products/Transfer



Applications

Suction and discharge of corrosive chemicals: fuels, solvents, oils and corrosive chemicals except *chlorine trifluoride, fluorine gas dry, oxygen difluoride, phosgene and molten alkalis metals such as sodium.*

For road and rail tankers, unloading bays as well as mobile and fixed installations in chemical, pharmaceutical, and allied industries.

Advantages

- Conveyed products are not spoiled (they keep clear and pure).
- Smooth inner tube for maximum flow and easier washing out (with steam up to + 150 °C).
- Inner tube in accordance with directives of American Food and Drug Administration (FDA).
- Together with the built-in wire which is connected to the coupling, the cover will secure conductivity of electrical charges.
- Hose construction gives an excellent bending radius.
- Abrasion and chemical resistant cover.
- Can be fitted with many types of couplings.

Technical description

Inner tube: chemical resistant FEP (Fluorinated Ethylene Propylene), white, smooth.

Reinforcement: synthetic textile with embedded steel helix.

Cover: chemical and weather resistant EPDM, black, fabric impression.

Temperature range: - 40 °C to + 150 °C.

Electrical properties: built-in conductive wire, $R \leq 10^2 \Omega/\text{lg}$ and conductive cover.

Standard/Approval: EN 12115.

Couplings/Fittings

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

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10/07/2007

ID	Wall thickness	OD	Working pressure	Bursting pressure	Max vacuum	Bending radius	Weight	Length	Article number	Stock (■) or min. order	
mm	mm	mm	bar	bar	bar	mm	kg/m	m		m	
19.0	± 0.5	6.0	31.0 ± 1.0	16	64	0.9	200	0.69	20	0060219	■
									40	0060220	■
25.0	± 0.5	6.0	37.0 ± 1.0	16	64	0.9	225	0.84	20	0060221	■
									40	0060222	■
32.0	± 0.5	6.0	44.0 ± 1.0	16	64	0.9	275	1.08	20	0060223	■
									40	0060224	■
38.0	± 0.5	6.5	51.0 ± 1.0	16	64	0.9	350	1.37	20	0060225	■
									40	0060226	■
50.0	± 0.7	8.0	66.0 ± 1.2	16	64	0.9	400	2.03	20	0060227	■
									40	0060228	■
63.0	± 0.6	8.0	79.0 ± 1.2	16	64	0.9	450	2.68	20	5513002	■
									40	5513003	■
75.0	± 0.8	8.0	91.0 ± 1.2	16	64	0.9	525	3.17	20	0060236	■
									40	0060237	■
100.0	± 0.8	8.0	116.0 ± 1.6	16	64	0.9	675	4.50	20	5513005	■
									40	5513006	■

Branding



and embossed: TRELLEBORG - CHEMIKLER FEP - EN 12115 - SD - ND - WP 16 bar - M - month/year - batch number

