TRELLEBORG

CHEMIKLER FEP

CHEMICALS & PHARMACEUTICALS

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 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 american regulation FDA 21.CFR.177.1550.
- 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.

COUPLING/FITTINGS

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

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.
Working temperature	-40°C => +150°C.
Electrical Properties	built-in conductive wire, R≤10^2Ω/lg and conductive cover.
Special Properties	Max. vacuum: 0.9 bar.

STANDARD/APPROVAL

EN 12115.   EN

French directive TMD (carriage of dangerous goods in France)   TMD

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and embossed: TRELLEBORG - EN 12115:2021 - FEP - SD - ND - WP 16bar - -40°C TO +150°C - Ω C/T - quarter/year - batch number - Made in France

ID (MM)	OD (MM)	WORKING PRESSURE (BAR)	BURSTING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	LENGTH (M)	ARTICLE NUMBER
19.0	31.0	16	64	80	0.69	20.0	0060219
19.0	31.0	16	64	80	0.69	40.0	0060220
25.0	37.0	16	64	100	0.84	20.0	0060221
25.0	37.0	16	64	100	0.84	40.0	0060222
32.0	44.0	16	64	130	1.08	20.0	0060223
32.0	44.0	16	64	130	1.08	40.0	0060224
38.0	51.0	16	64	150	1.37	20.0	0060225
38.0	51.0	16	64	150	1.37	40.0	0060226
50.0	66.0	16	64	200	2.03	20.0	0060227
50.0	66.0	16	64	200	2.03	40.0	0060228
63.0	79.0	16	64	315	2.68	20.0	5513002
63.0	79.0	16	64	315	2.68	40.0	5513003
75.0	91.0	16	64	375	3.17	20.0	0060236
75.0	91.0	16	64	375	3.17	40.0	0060237

Tolerance on length: ±1% (ISO 1307 Standard).