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.

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≤$10^2\Omega$/lg and conductive cover.

STANDARD/APPROVAL

EN 12115. EN

COUPLINGS/FITTINGS

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

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

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ID mm	WALL THICKNESS mm	OD mm	WORKING PRESSURE bar	BURSTING PRESSURE bar	MAX. VACUUM bar	BENDING RADIUS mm	WEIGHT kg/m	LENGTH m	ARTICLE NUMBER	STOCK (ι) or min. order m
19.0 ±0.5	6	31.0 ±1.0	16	64	0.9	200	0.69	20	0060219	ι
19.0 ±0.5	6	31.0 ±1.0	16	64	0.9	200	0.69	40	0060220	120
25.0 ±0.5	6	37.0 ±1.0	16	64	0.9	225	0.84	20	0060221	ι
25.0 ±0.5	6	37.0 ±1.0	16	64	0.9	225	0.84	40	0060222	ι
32.0 ±0.5	6	44.0 ±1.0	16	64	0.9	275	1.08	20	0060223	ι
32.0 ±0.5	6	44.0 ±1.0	16	64	0.9	275	1.08	40	0060224	¤
38.0 ±0.5	6.5	51.0 ±1.0	16	64	0.9	350	1.37	20	0060225	ι
38.0 ±0.5	6.5	51.0 ±1.0	16	64	0.9	350	1.37	40	0060226	ι
50.0 ±0.7	8	66.0 ±1.2	16	64	0.9	400	2.03	20	0060227	ι
50.0 ±0.7	8	66.0 ±1.2	16	64	0.9	400	2.03	40	0060228	ι
63.0 ±0.6	8	79.0 ±1.2	16	64	0.9	450	2.68	20	5513002	80
63.0 ±0.6	8	79.0 ±1.2	16	64	0.9	450	2.68	40	5513003	80
75.0 ±0.8	8	91.0 ±1.2	16	64	0.9	525	3.17	20	0060236	ι
75.0 ±0.8	8	91.0 ±1.2	16	64	0.9	525	3.17	40	0060237	80

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