

# CHEMIKLER PTFE



## 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, 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.

Specially designed for use in ATEX zones.

### ADVANTAGES

- Smooth inner tube for maximum flow and easier washing out (with open steam up to +150 °C).
- Hose construction gives excellent mechanical properties.
- Cover with good resistance to abrasion and chemicals.
- Inner tube material complies with FDA 21 CFR.177.1550, EU 10/2011 and USP class VI requirements.
- Can be fitted with many types of couplings.

### TECHNICAL DESCRIPTION

Inner tube: chemical resistant PTFE, black, smooth.

Reinforcement: synthetic textile with embedded steel helix.

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

Temperature range: -40 °C to +150 °C.

Restrictions apply depending on chemical conveyed.

Electrical properties: Conductive tube and cover,  $R \leq 10^6 \Omega/\text{lg}$ .  
Transversal conductivity  $< 10^0 \Omega$ .



### STANDARD/APPROVAL

EN 12115.




### COUPLINGS/FITTINGS

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

### COMPLEMENTARY INFORMATION

For safe use in ATEX areas, the hose assembly should be properly earth-connected.



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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	MAX. LENGTH m	ARTICLE NUMBER	STOCK ( ) or min. order m
19.0 ±0.5	6	31.0 ±1.0	16	64	0.9	80	0.78	40	5606922	1
25.0 ±0.5	6	37.0 ±1.0	16	64	0.9	100	0.93	40	5606923	1
38.0 ±0.5	6.5	51.0 ±1.0	16	64	0.9	150	1.38	40	5606924	1
50.0 ±0.7	8	66.0 ±1.2	16	64	0.9	200	1.96	40	5606925	1

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

