

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.

COUPLING/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.
Delivery possible in cut lengths, multiples of 5 m.

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.
Working temperature	-40°C => +150°C. Restrictions apply depending on chemical conveyed
Electrical Properties	Conductive tube and cover, $R \leq 10^6 \Omega / \text{lg}$. Transversal conductivity $< 10^9 \Omega$. Can be used in ATEX zones.
Special Properties	Max. vacuum: 0.9 bar.



STANDARD/APPROVAL

EN 12115.

EN



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

<div>  <div> CHEMICALS & PHARMACEUTICALS </div> </div>		CHEMIKLER PTFE					
ID (MM)	OD (MM)	WORKING PRESSURE (BAR)	BURSTING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	MAXIMUM LENGTH (M)	ARTICLE NUMBER
19.0	31.0	16	64	80	0.78	40.0	5606922
25.0	37.0	16	64	100	0.93	40.0	5606923
32.0	44.0	16	64	128	1.03	40.0	5609643
38.0	51.0	16	64	150	1.38	40.0	5606924
50.0	66.0	16	64	200	1.96	40.0	5606925
63.0	79.0	16	64	315	2.32	40.0	5609644

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

