CHEMIKLER UPE

CHEMICALS & PHARMACEUTICALS

Chemical and corrosive products
Transfer



APPLICATIONS

Suction and discharge of virtually all corrosive chemicals: strong acids, high aromatic solvents, chlorinated or oxygenised solvents, aromatic hydrocarbons, etc.

For road and rail tankers, unloading bays, as well as mobile or fixed installations in chemical works and associated industries.

ADVANTAGES

- A versatile hose for a wide range of chemicals.
- Very good mechanical strength.
- Hose construction gives excellent bending radius.
- Inner tube in accordance with american regulation FDA 21.CFR.177.1520.
- Smooth tube for easier washing out (up to 140°C during 30 minutes).
- Cover has excellent resistance to ageing, atmospheric conditions and ozone as well as optimum resistance to abrasion and chemicals.
- Can be fitted with many types of couplings.
- Can also be used for transfer of aqueous, acidic, alcoholic or fatty foods.

TECHNICAL DESCRIPTION

Inner tube: chemical resistant UPE (ultra high molecular weight polyethylene), black, smooth.
Reinforcement: synthetic textile with embedded steel helix.
Cover: chemical and weather resistant EPDM, black, fabric impression.
Temperature range: -40°C to +100°C.
Electrical properties: conductive UPE tube and rubber cover, R≤1MOhm/lg.

STANDARD/APPROVAL

EU regulations No. 1935/2004, 2023/2006, 10/2011.	EU
FDA regulation No. 21 CFR 177.1520.	FDA
EN 12115.	EN

COUPLINGS/FITTINGS

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

COMPLEMENTARY INFORMATION

This hose has been checked and approved by INERIS (french notified body) for use in ATEX areas.
ID>100 mm: not included in EN12115.



and embossed: TRELLEBORG - EN 12115:2021 - UPE - SD - ND - WP 16bar - -40°C TO +100°C - Ω CL/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	55	0.65	20	0061702	ι
19.0 ±0.5	6	31.0 ±1.0	16	64	0.9	55	0.65	40	0061703	ι
25.0 ±0.5	6	37.0 ±1.0	16	64	0.9	70	0.76	20	0060267	ι
25.0 ±0.5	6	37.0 ±1.0	16	64	0.9	70	0.76	40	0060268	ι
32.0 ±0.5	6	44.0 ±1.0	16	64	0.9	90	0.97	20	0061704	ι
32.0 ±0.5	6	44.0 ±1.0	16	64	0.9	90	0.97	40	0061705	ι
38.0 ±0.5	6.5	51.0 ±1.0	16	64	0.9	105	1.24	20	0061706	ι
38.0 ±0.5	6.5	51.0 ±1.0	16	64	0.9	105	1.24	40	0070243	ι
50.0 ±0.7	8	66.0 ±1.2	16	64	0.9	140	1.84	20	0060269	ι
50.0 ±0.7	8	66.0 ±1.2	16	64	0.9	140	1.84	40	0060270	ι
63.0 ±0.8	8	79.0 ±1.2	16	64	0.9	180	2.58	20	5513104	ι
63.0 ±0.8	8	79.0 ±1.2	16	64	0.9	180	2.58	40	5513105	ι
75.0 ±0.8	8	91.0 ±1.2	16	64	0.9	215	3.2	20	0060271	ι
75.0 ±0.8	8	91.0 ±1.2	16	64	0.9	215	3.2	40	0060272	ι
100.0 ±0.8	8	116.0 ±1.6	16	64	0.9	280	4.17	20	0061713	ι
100.0 ±0.8	8	116.0 ±1.6	16	64	0.9	280	4.17	40	0061714	ι
125.0 ±1.0	10	145.0 ±2.0	16	48	0.9	750	6.26	10	0070333	80
150.0 ±1.0	11	172.0 ±2.0	16	48	0.9	900	7.73	10	5011101	ι
150.0 ±1.0	11	172.0 ±2.0	16	48	0.9	900	7.73	20	5011102	ι

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