



APPLICATION

- Multipurpose hose, specifically designed for conveying chemical, pharmaceutical, cosmetic and food products in pharma-cosmetic, biotech and food industries.
- Excellent solution for processing industries requiring utmost safety during transport of high purity products.
- Suction and delivery hose.

CONSTRUCTION

TUBE

- MFA (Perfluoroalkoxy Polymer, MFA), light colour, fully fluorinated, mirror-smooth.
- Compliance: USP Class VI, FDA Standards, D.M. 21/03/73 and following amendments, Regulation (EU) n. 10/2011.
- Absolute and long-term resistance to heat, cracking under stress and bending.

REINFORCEMENT

- High strength plies of synthetic cord and embedded steel helix wire.
- Two copper wires.

COVER

- EPDM rubber (code 140BI), light colour, smooth, food quality, abrasion, ozone and weather resistant, cloth finish.
- Compliance acc. to FDA Standards.

NOTE

- We suggest you to follow the instructions mentioned in the "Use and maintenance guide for PFA/MFA hoses".

MAIN BENEFITS

- The fluorinated inner liner is much more waterproof and mirror-smooth than any other fluorinated material available on the market.
- It provides an excellent resistance to temperature extremes and a good resistance to mechanical stress.
- The cover prevents any potential risk of contamination of the working environments.
- Hose in accordance with EC 1935/2004 and 2023/2006/EC (GMP). The production cycle is free from animal derived ingredients, phthalates, adipates and materials subject to restrictions acc. to EC 1907/2006 (REACH).

TEMPERATURE RANGE

- From -50°C to +170°C depending on the fluids conveyed. The a.m. temperature range has to be considered as a rough indication referring to most chemicals; however it does not include the most aggressive product combinations and conditions of use. For specific applications please contact our Technical Department.
- Sterilization up to +130°C for max. 30 minutes.

SAFETY FACTOR

- ≥ 4 times working pressure.

PATENT

- E.P. 1450092.

TECHNICAL SPECIFICATIONS

SIZE TOLERANCES: I.D.: ISO 1307 - Wall thickness: DIN 7715 T4 S2 - Length: ISO 1307

Inner Diameter mm	Outer diameter mm	Wall thickness mm	Working pressure BAR	Burst pressure BAR	Min. bending radius mm	Vacuum BAR	Approx. weight kg/m	Max. length m
13	25	6.0	10	40	60	-0.9	0.55	20
19	31	6.0	10	40	90	-0.9	0.72	20
25	37	6.0	10	40	140	-0.9	0.89	20
32	45	6.5	10	40	200	-0.9	1.20	20
38	51	6.5	10	40	250	-0.9	1.47	20
51	65.5	7.25	10	40	300	-0.9	2.08	20
63.5	79.5	8.0	10	40	380	-0.9	3.00	20
76	92	8.0	10	40	500	-0.9	3.48	20
100	116	8.0	10	40	550	-0.9	4.90	20

Chemical resistance acc. to Chemical Resistance Chart. Above technical data refer to application at room temperature (+20°C). Other sizes and colours are available upon request. Please contact our Sales Department.

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