



## PTFE SIL

Suction and delivery hose for food, cosmetic and pharmaceutical products, chemicals and solvents, except , for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Hose resistant to high temperatures, used as connection between pipes and fixed equipment. Designed for the chemical industry, foodstuff, pharmaceutical and cosmetic industry, where a flexible connection is required. The hose is produced with high quality elastomers, with excellent chemical and mechanical properties. Not intended for use as an implant material. Not suitable for blood or human fluids.

### KEY FEATURES

- \* Tube PTFE (polytetrafluorethylene) white, phthalates free
- \* Cover smooth, silicone, white. Heat, abrasion, ageing and ozone resistant, glossy cover
- \* Reinforcement synthetic plies, stainless steel wire helices, on request a/s wires to discharge static electricity
- \* General temperature range: -40°C / +150°C ( -40°F / +302°F )
- \* Sterilization refer to guidelines for cleaning and sanitizing
- \* Electrical properties type M according to norm EN 12115 (R<102 Ω)
- \* Vacuum 675 mmHg ( 26,6 inHg )

### REGULATION

#### LINER

- \* **USP Testing:** XXXVI CLASS VI 88
- \* **FDA Testing:** 21 CFR 177.1550
- \* **ISO Testing:** 10993 Sections 5,10,11:2009
- \* **3-A Sanitary Procedure:** Standard Class II
- \* **European Pharmacopeia Testing:** 3.1.9
- \* **BFR Recommendation:** XV
- \* **European Reglement:** 1935/2004/CE and 10/2011/CE
- \* **REACH:** 1907/2006/CE

#### COVER

- \* **FDA Testing:** 21 CFR 177.1550
- \* **BFR Recommendation:** XV
- \* **European Reglement:** 1935/2004/CE and 10/2011/CE



DN	ID (mm)	OD (mm)	Bending Radius (mm)	WP @ 20°C (Bar)	BP @ 20°C (Bar)	Length (mt)	App. Weight (Kg/mt)
½"	13	24	45	10	40	10	0,47
¾"	19	30	70	10	40	10	0,61
1"	25	36	90	10	40	10	0,76
1¼"	32	43	120	8	32	10	0,93
1½"	38	50	140	7	28	10	1,26
2"	50	62	180	7	28	10	1,60
2½"	63,5	79,5	320	6	24	10	2,69
3"	75	91	380	5	20	10	3,24
4"	100	117	580	4	16	10	5,06

Data refer to ambient temperature (20°C) and static conditions; we recommend a reduction of 20% working pressure for every 100°C of temperature increase. Other diameters, wall thickness and pressure only on specific request.

