## Silicone hose with white PTFE tube



Product name	<b>€</b> marsoflex® Type SIL300PTFE		
Description	Our marsoflex type SIL300PTFE hose can be used as a suction and pressure hose for cosmetic, pharmaceutical and food products, chemicals and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen, difluoride, phosgene and molten alkali metals (e.g. sodium). The high temperature-resistant hose can be used as a flexible connection between lines or systems. Not usable as an implant material, for blood or body fluids.		
Properties	Phthalate-free, tested according to 1907/2006/ EC (REACH). Complies with USP XXXVI class VI, not cytotoxic according to ISO 10993 Section 5:2009. Suction and pressure hose (675 mmHg)		

Order number	ID [mm]	OD [mm]	Operat- ing pres- sure [bar]	Bursting pressure [bar]	Bending radius [mm]
SIL30013PTFE	13.0	24.0	10	40	45
SIL30019PTFE	19.0	30.0	10	40	70
SIL30025PTFE	25.0	36.0	10	40	90
SIL30032PTFE	32.0	43.0	8	32	120
SIL30038PTFE	38.0	50.0	7	28	140
SIL30050PTFE	50.0	62.0	7	28	180
SIL30063PTFE	63.5	79.5	6	24	320
SIL30075PTFE	75.0	91.0	5	20	380
SIL300100PTFE	100.0	117.0	4	16	580

The values stated above refer to ambient temperature (20  $^{\circ}$  C); we recommend reducing the operating pressure by 20 % for each temperature increase of 100  $^{\circ}$  C.

Other dimensions available on request

Hose tube	PTFE (polytetrafluorethylene) white, smooth, phthalate-free, tested according to 1907/2006/EC (REACH). It complies with FDA 21 CFR 177.1550, USP XXXVI class VI, ISO 10993 sections 5,10, 11:2009, regulation (EU) no. 1935/2004 and (EU) no. 10/2011, 3A Sanitary Standard Class II
Reinforcement	Synthetic textile reinforcement, stainless steel wire spiral
Hose cover	Silicone, smooth, white. Corresponds to FDA CFR 21 177.2600, BfR recommendation XV, European Regulation 1935/2001/EC. Resistant against heat, abrasion, ageing and ozone.
Application temperature	-40 °C/+150 °C (-40 °F/+302 °F); the operating temperature of the hose directly depends on the medium to be transported and the contact period.
Special version	Proof of suitability for the highest requirements for cleanliness - extractables study -

