# Silicone hose with conductive PTFE tube


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| Product name | marsoflex® Type SIL350PTFE |
| Description | Our marsoflex® type SIL350PTFE hose can be used as a suction hose and a 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] | Operating pressure [bar] | Bursting pressure [bar] | Bending radius [mm] |
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| SIL35013PTFE | 13 | 24.0 | 10 | 40 | 45 |
| SIL35019PTFE | 19 | 30.0 | 10 | 40 | 70 |
| SIL35025PTFE | 25 | 36.0 | 10 | 40 | 90 |
| SIL35032PTFE | 32 | 43.0 | 8 | 32 | 120 |
| SIL35038PTFE | 38 | 50.0 | 7 | 28 | 140 |
| SIL35050PTFE | 50 | 62.0 | 7 | 28 | 180 |
| SIL35063PTFE | 63.5 | 79.5 | 6 | 24 | 320 |
| SIL35075PTFE | 75 | 91.0 | 5 | 20 | 380 |
| SIL350100PTFE | 100 | 117.0 | 4 | 16 | 580 |

The values stated above refer to ambient temperature (20 °C); we recommend reducing the operating pressure by 20 % for each temperature increase of 100 °C.

Other dimensions available on request

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| Hose tube | PTFE (polytetrafluorethylene) black, anti-static, 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 |
| 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 1935/2004. 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<br>- extractables study - |

## Your notes