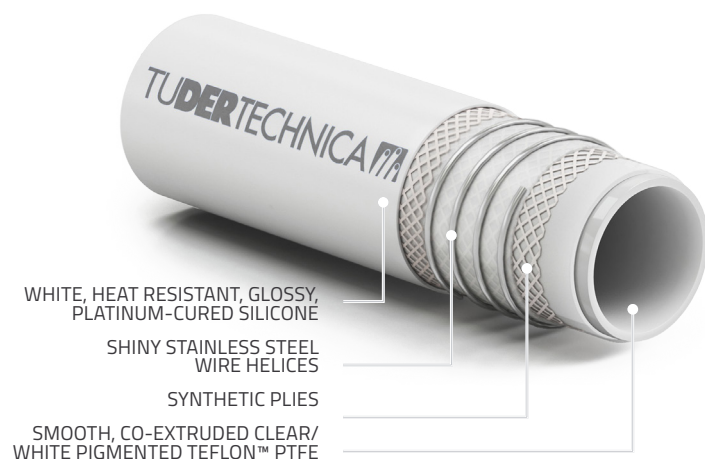


TUPHARM® PTFE SIL



Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Tubigomma Deregibus S.R.L.



Suction and delivery hose manufactured, tested and packed in a controlled cleanroom (ISO 14644 class 8) for cosmetic, pharmaceutical and food products, chemicals and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Designed for the pharmaceutical, cosmetic, chemical and foodstuff industries, where a flexible connection is required. The hose is produced with high quality elastomers, with excellent chemical and mechanical properties. Hose tested according to the main norms for food contact materials (FCM – Reg. (CE) 1935/2004). Manufactured according to GMP (Reg. (CE) 2023/2006). Extractables & leachables testing available. Not intended for use as an implant material. Not suitable for blood or human fluids.

DESCRIPTION

Tube

TEFLON™ PTFE, co-extruded clear/white pigmented, smooth, phthalates free, tested in compliance with 1907/2006/CE (REACH). TEFLON™ PTFE is a polymer with excellent resistance to high temperature, mechanical stress and oxidation. It complies with FDA 21 CFR 177.1550; DM 21/03/1973 and subsequent amendments; USP class VI main requirements; ISO 10993 - 5:2009, 11:2006; REGULATION 1935/2004/CE; REGULATION 10/2011/CE; 3A Sanitary Standard 20-27.

Reinforcement

synthetic plies, shiny stainless steel wire helices

Cover

smooth, platinum-cured silicone, white, glossy. Heat, ageing and ozone resistant.

Marking

TUDERTECHNICA TUPHARM® PTFE SIL

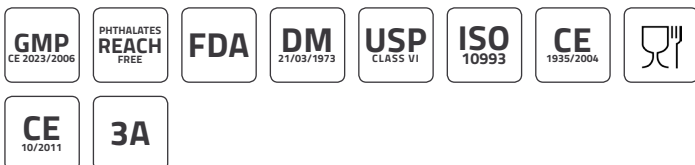
TECHNICAL CHARACTERISTICS

Temperature range : -40°C / +150°C (-40°F / +302°F)

The operating temperature of the hose is directly dependent upon the specific fluid been conveyed and the length of time the fluid is in contact with the hose.

Norm : ISO 1307 for dimensional tolerances

refer to guidelines for cleaning and sanitizing on Tudertechnica website



| Inside diameter | | Outside diameter | | Vacuum | | Working pressure | | Burst pressure | | Appr. weight | | Bending radius | |
|-----------------|------|------------------|------|--------|-------|------------------|-------|----------------|-------|--------------|----------|----------------|------|
| [mm] | [in] | [mm] | [in] | [bar] | [psi] | [bar] | [psi] | [bar] | [psi] | [kg/mt] | [lbs/ft] | [mm] | [in] |
| 13 | 0,50 | 24 | 0,94 | 0,9 | 13 | 12 | 180 | 48 | 720 | 0,52 | 0,35 | 45 | 1,77 |
| 19 | 0,75 | 30 | 1,18 | 0,9 | 13 | 11 | 165 | 44 | 660 | 0,67 | 0,45 | 70 | 2,76 |
| 25 | 1,00 | 36 | 1,42 | 0,9 | 13 | 10 | 150 | 40 | 600 | 0,82 | 0,55 | 90 | 3,54 |
| 32 | 1,25 | 43 | 1,69 | 0,9 | 13 | 8 | 120 | 32 | 480 | 1,00 | 0,67 | 120 | 4,72 |
| 38 | 1,50 | 50 | 1,97 | 0,9 | 13 | 7 | 105 | 28 | 420 | 1,16 | 0,78 | 140 | 5,51 |
| 50 | 1,97 | 62 | 2,44 | 0,9 | 13 | 7 | 105 | 28 | 420 | 1,46 | 0,98 | 180 | 7,09 |

Data refer to ambient temperature (20°C); we recommend a reduction of 20% working pressure for every 100°C of temperature increase.
We reserve the right to supply in random lengths shorter than 40 mt.