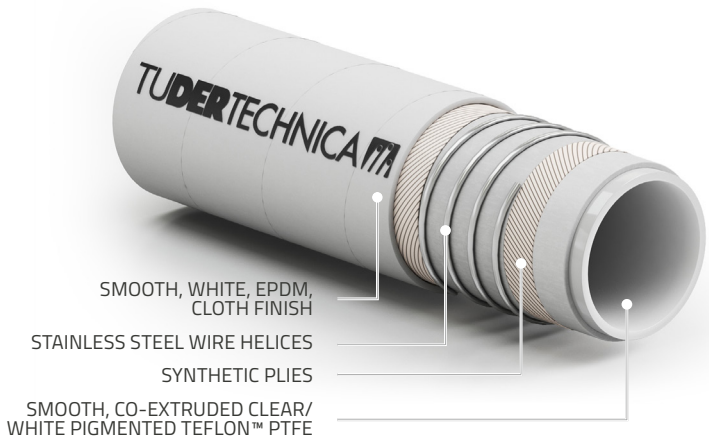
TUFLUOR® PTFE PHARM



Suction and delivery hose designed according to EN 12115 standards 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). 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.

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.
Electrical properties : type M according to norm EN 12115 ($R<10^2\ \Omega$)
Norm : EN12115

FDA · CE 1935/2004 · CE 10/2011 · 3A · USP CLASS VI · ISO 10993 · PHTHALATES REACH FREE

Sterilization
refer to guidelines for cleaning and sanitizing on Tudertechnica website

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 to oxidation. It complies with FDA 21 CFR 177.1550 standards, USP XXXVI class VI, ISO 10993 Sections 5,10,11:2009, EUROPEAN REGLEMENT 1935/2004/CE AND 10/2011/CE, 3A Sanitary Standard Class II

Reinforcement
synthetic plies, stainless steel wire helices, a/s wires to discharge static electricity

Cover
smooth, EPDM, white, cloth finish. Abrasion, ageing and ozone resistant

Marking
red/white/blue tape
TUDERTECHNICA TUFLUOR® PTFE PHARM
embossed according to norm EN 12115
TUDERTECHNICA PTFE EN12115:2011 DN SD PN 16 BAR M Q/Y

Inside diameter		Outside diameter		Length		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	*[in]*	*[mm]*	*[in]*	*[mt]*	*[ft]*	*[bar]*	*[psi]*	*[bar]*	*[psi]*	*[bar]*	*[psi]*	*[kg/mt]*	*[lbs/ft]*	*[mm]*	*[in]*
13	0,50	25	1,00	40	130	0,9	13	16	250	64	1000	0,54	0,36	90	3,54
19	0,75	31	1,22	40	130	0,9	13	16	250	64	1000	0,70	0,47	130	5,12
25	1,00	37	1,46	40	130	0,9	13	16	250	64	1000	0,86	0,58	170	6,69
32	1,25	44	1,73	40	130	0,9	13	16	250	64	1000	1,18	0,79	215	8,46
38	1,50	51	2,00	40	130	0,9	13	16	250	64	1000	1,43	0,96	255	10,04
50	1,97	66	2,60	40	130	0,9	13	16	250	64	1000	2,08	1,39	330	12,99
63,5	2,50	79,5	3,13	20	65	0,9	13	16	250	64	1000	2,96	1,98	430	16,93
75	2,95	91	3,58	20	65	0,9	13	16	250	64	1000	3,43	2,30	510	20,08
100	3,94	116	4,57	20	65	0,9	13	16	250	64	1000	4,60	3,08	675	26,57

Data refer to ambient temperature (20°C).
We reserve the right to supply in random lengths shorter than 40mt or 20mt.