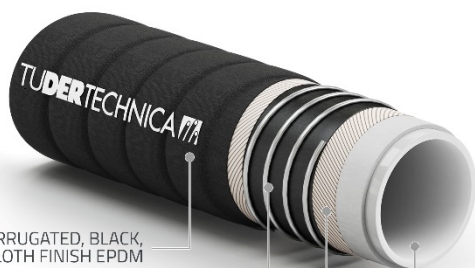




TUFLUOR® PTFE CHEM FORM

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WIDE CORRUGATED, BLACK, CONDUCTIVE, CLOTH FINISH EPDM

STAINLESS STEEL WIRE HELICES

SYNTHETIC PLYS

SMOOTH, CO-EXTRUDED CLEAR/WHITE PIGMENTED TEFLON™ PTFE

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 Ω/T according to norm EN 12115 (R<10⁶ Ω)

Norm : EN12115 - TRbF 131/2

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

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 copper wires to discharge static electricity

Cover

wide corrugated, EPDM, black, conductive, abrasion, ageing and ozone resistant, cloth finish

Sterilization

refer to guidelines for cleaning and sanitizing on Tudertecnica website



Marking

red/white/blue tape

TUDERTECHNICA TUFLUOR® PTFE CHEM

embossed according to norm EN 12115

TUDERTECHNICA PTFE EN12115:2011 DN SD PN 10 BAR Ω Q/Y

Inside diameter		Outside diameter		Vacuum		Length		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[bar]	[psi]	[m]	[ft]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
13	0,50	25	1,00	0,9	13	40	130	10	150	40	600	0,49	0,33	55	2,17
19	0,75	31	1,22	0,9	13	40	130	10	150	40	600	0,64	0,43	75	2,95
25	1,00	37	1,46	0,9	13	40	130	10	150	40	600	0,79	0,53	95	3,74
32	1,25	44	1,73	0,9	13	40	130	10	150	40	600	0,90	0,60	115	4,53
38	1,50	51	2,00	0,9	13	40	130	10	150	40	600	1,22	0,82	140	5,51
50	1,97	66	2,60	0,9	13	40	130	10	150	40	600	1,95	1,31	190	7,48
63,5	2,50	79,5	3,13	0,9	13	20	65	10	150	40	600	2,54	1,70	245	9,65
75	2,95	91	3,58	0,9	13	20	65	10	150	40	600	2,95	1,97	330	12,99
100	3,94	116	4,57	0,9	13	20	65	10	150	40	600	3,82	2,56	475	18,70

Data refer to ambient temperature (20°C).