



TUFLUOR® EVOLUTION

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SMOOTH, GREEN, CLOTH FINISH

STAINLESS STEEL WIRE HELICES

SYNTHETIC PLIES

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.

Norm : ISO 1307 for dimensional tolerances

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, green, abrasion, ageing and ozone resistant, cloth

Sterilization

refer to guidelines for cleaning and sanitizing on Tudertecnica website

Marking

TUDERTECHNICA TUFLUOR® EVOLUTION



Inside diameter		Outside diameter		Lenght		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	10	150	40	600	0,51	0,34	75	2,95
19	0,75	31	1,22	40	130	0,9	13	10	150	40	600	0,66	0,44	110	4,33
25	1,00	37	1,46	40	130	0,9	13	10	150	40	600	0,81	0,54	150	5,91
32	1,25	44	1,73	40	130	0,9	13	10	150	40	600	1,11	0,74	200	7,87
38	1,50	51	2,00	40	130	0,9	13	10	150	40	600	1,35	0,90	240	9,45
50	1,97	66	2,60	40	130	0,9	13	10	150	40	600	2,06	1,38	320	12,60

Data refer to ambient temperature (20°C). Other diameters, wall thickness, cover colours and pressure only on specific request.
We reserve the right to supply in random lengths shorter than 40mt or 29mt.