



GLIDETECH® PTFE BIOTECH

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WIDE CORRUGATED, WHITE WITH CONDUCTIVE CHIPS, LOW FRICTION, GLOSSY COVER

STAINLESS STEEL WIRE HELICES

SYNTHETIC PLIES

SMOOTH, BLACK, CONDUCTIVE 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, R<10⁹ Ω through the hose wall)

Norm : EN12115

DESCRIPTION

Tube

TEFLON™ PTFE, black, conductive, 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 XXXII class VI, ISO 10993 Sections 5,10,11:2009, EUROPEAN REGLEMENT 1935/2004/CE AND 10/2011/CE

Reinforcement

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

Cover

wide corrugated, white with conductive chips, low friction material, non-marking when dragged on the floor, oil, chemical, abrasion, ageing and ozone resistant, easy to clean, glossy cover. Meets FDA 21 cfr 177.1520, BfR cat III, DM 21.03.73 e seguenti, EUROPEAN REGLEMENT 1935/2004/CE

Sterilization

refer to guidelines for cleaning and sanitizing on Tudertecnica website



Marking

red/white/blue tape

TUDERTECHNICA GLIDETECH® PTFE BIOTECH

embossed according to norm EN 12115

TUDERTECHNICA PTFE EN12115:2011 DN SD PN 10 BAR Ω /T 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	70	2,76
19	0,75	31	1,22	0,9	13	40	130	10	150	40	600	0,64	0,43	100	3,94
25	1,00	37	1,46	0,9	13	40	130	10	150	40	600	0,79	0,53	130	5,12
32	1,25	44	1,73	0,9	13	40	130	10	150	40	600	0,91	0,61	160	6,30
38	1,50	51	2,00	0,9	13	40	130	10	150	40	600	1,24	0,83	190	7,48
50	1,97	66	2,60	0,9	13	40	130	10	150	40	600	1,84	1,23	250	9,84
63,5	2,50	79,5	3,13	0,9	13	20	65	10	150	40	600	2,56	1,72	320	12,60
75	2,95	91	3,58	0,9	13	20	65	10	150	40	600	2,98	2,00	380	14,96
100	3,94	116	4,57	0,9	13	20	65	10	150	40	600	4,12	2,76	550	21,65

Data refer to ambient temperature (20°C).

Available also with Teflon™ PTFE co-extruded clear/white pigmented (contact Tudertecnica for datasheet).