

GLIDETECH® FEP CHEM



Suction and delivery hose for chemicals and solvents, except for chlorine trifluoride, chlorine and fluorine gas, oxygen difluoride, phosgene and molten alkalis (for ex. sodium). Hose resistant to high temperatures, used as connection between pipes and fixed equipments. 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. Phthalates free.

DESCRIPTION

Tube

FEP (Fluorinated Ethylene Propylene) white, minimum thickness 0,6 mm. FEP is a polymer with excellent resistance to high temperature, mechanical stress and to oxidation. It complies with FDA 21 CFR 177.1550, 177.2600 standards, USP XXIII class VI requirements and European Pharmacopoeia 3.1.9, ISO 10993 Sections 5,6,10,11

Reinforcement Cover

synthetic plies, steel wire helices, a/s copper wires to discharge static electricity wide corrugated, black, conductive, low friction material, non marking when dragged on the floor, oil, chemical and abrasion resistant, easy to clean, glossy cover

Marking

red/white/blue transfer tape

TUDERTECHNICA GLIDETECH FEP 10 BAR (150 PSI) WP MADE IN ITALY



Sterilization

according to 3A Sanitary Standard Class II

TECHNICAL CHARACTERISTICS

Temperature

-40°F/302°F (-40°C/+150°C) 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

Vacuum

30 Inch HG (0,8 bar)

Electrical properties

type M according to EN 12115 ($R < 10^2 \Omega$)

Norm

ISO 1307 for dimensional tolerances

Inside diameter		O.D.	Length		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[in]	[mm]	[ft]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
25	1	1.46	40	130	10	150	40	580	0,80	.54	130	5.12
38	1 ½	2.01	40	130	10	150	40	580	1,20	.81	190	7.48
51	2	2.60	40	130	10	150	40	580	2,03	1.36	250	9.80
76	3	3.58	20	65	10	150	40	580	3,08	2.07	380	14.96

Data refers to ambient temperature 68°F (20°C)
Other diameters only on specific request.



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