

TUFLON MFA 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 tube, tested in compliance with REACH regulation. Tested in compliance with USP XXXII class VI, not cytotoxic according to ISO 10993 Section 5:2009.

DESCRIPTION

Tube

MFA (Polytetrafluoroethylene-Perfluoromethylvinylether), white, phthalates free, tested in according to REACH standards. MFA 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 XXXII class VI, ISO 10993 Sections 5,10,11:2009

Reinforcement

synthetic plies, a/s copper wires to discharge static electricity, galvanized wire helices

Cover

smooth, EPDM, black, conductive, abrasion, ageing and ozone resistant, cloth finish

Marking

red/white/blue transfer tape TUDERTECHNICA TUFLON MFA CHEM



embossed according to norm EN 12115

TUDERTECHNICA MFA EN12115:2011 DN SD PN 16 BAR Ω Q/Y

Sterilization

according to 3A Sanitary Standard Class II

TECHNICAL CHARACTERISTICS

Temperature

-40°C / +170° C (-40°F / +338°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

Vacuum

675 mmHg (26,6 inHg)

Electrical properties

type Ω according to EN 12115 ($R < 10^6 \Omega$)

Norm

EN12115

TRbF 131/2

3A Sanitary Standard Class II

Inside diameter		Outside diameter		Lenght		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[mt]	[ft]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
13	0,50	25	1,00	40	130	16	250	64	1000	0,54	0,36	90	3,54
19	0,75	31	1,22	40	130	16	250	64	1000	0,70	0,47	130	5,12
25	1,00	37	1,46	40	130	16	250	64	1000	0,86	0,58	170	6,69
32	1,25	44	1,73	40	130	16	250	64	1000	1,18	0,79	215	8,46
38	1,50	51	2,00	40	130	16	250	64	1000	1,43	0,96	255	10,04
50	1,97	66	2,60	40	130	16	250	64	1000	2,08	1,39	330	12,99
63,5	2,50	79,5	3,13	20	65	16	250	64	1000	2,96	1,98	430	16,93
75	2,95	91	3,58	20	65	16	250	64	1000	3,43	2,30	510	20,08
100	3,94	116	4,57	20	65	12	180	48	750	4,60	3,08	675	26,57

Data refer to ambient temperature (20°C).