TUDERTECHNICA
excellence in design and manufacture of specialty hoses

TUCHEM® UPE

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

DESCRIPTION

Tube
UPE, translucent. Phthalates free, tested in compliance with 1907/2006/CE (REACH). Meets FDA 21 CFR 177.1520, BfR Cat III, DM 21.03.73 e seguenti, EUROPEAN REGLEMENT 1935/2004/CE AND 10/2011/CE, JAPAN-Ministry of Health and Welfare Notice No.370,1959 and No.201,2006

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

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

Sterilization
refer to guidelines for cleaning and sanitizing on Tudertechnica website

Marking
white/blue tape
TUDERTECHNICA TUCHEM® UPE
embossed according to norm EN 12115
TUDERTECHNICA UHMWPE EN12115:2011 DN SD PN 16 BAR Ω Q/Y

TECHNICAL CHARACTERISTICS

Temperature range : -35°C / +100°C (-31°F / +212°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 according to norm EN 12115 ($R<10^6$ Ω)
Norm : EN12115 - TRbF 131/2

FDA | BfR | DM 21/03/1973 | MHLW 1959-2006 | CE 1935/2004 | CE 10/2011 | REACH PHTHALATES FREE

Inside diameter		Outside diameter		Vacuum		Working pressure		Burst pressure		Appr. weight		Bending radius	
[mm]	[in]	[mm]	[in]	[bar]	[psi]	[bar]	[psi]	[bar]	[psi]	[kg/mt]	[lbs/ft]	[mm]	[in]
19	0,75	31	1,22	0,9	13	16	250	64	1000	0,75	0,50	115	4,53
25	1,00	37	1,46	0,9	13	16	250	64	1000	0,92	0,62	155	6,10
32	1,25	44	1,73	0,9	13	16	250	64	1000	1,10	0,74	200	7,87
38	1,50	51	2,00	0,9	13	16	250	64	1000	1,39	0,93	240	9,45
50	1,97	66	2,60	0,9	13	16	250	64	1000	2,30	1,54	330	12,99
51	2,00	67	2,64	0,9	13	16	250	64	1000	2,33	1,56	330	12,99
63,5	2,50	79,5	3,13	0,9	13	16	250	64	1000	3,09	2,07	415	16,34
75	2,95	91	3,58	0,9	13	16	250	64	1000	3,58	2,40	500	19,69
76	3,00	92	3,62	0,9	13	16	250	64	1000	3,62	2,42	500	19,69
100	3,94	116	4,57	0,9	13	16	250	64	1000	4,63	3,10	675	26,57
102	4,00	118	4,65	0,9	13	16	250	64	1000	4,67	3,13	675	26,57

Data refer to ambient temperature (20°C).