TUCHEM® UPE CHIPS PHARMACHEM

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

DESCRIPTION

Tube

UPE, white with conductive chips, 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

Reinforcement

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

Cover

smooth, gray, antistatic ($R<10^9$ Ω/m), cloth finish. Abrasion, ageing, ozone and oil resistant

Sterilization

refer to guidelines for cleaning and sanitizing on Tudertechnica website

Marking

white/blue tape
TUDERTECHNICA TUCHEM® UPE CHIPS PHARMACHEM
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

FDA BFR DM 21/03/1973 CE 1935/2004 CE 10/2011 PHTHALATES REACH 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).