TUCHEM® UPE FULL CONDUCTIVE



Suction and delivery hose designed according to EN 12115 standards for chemical products. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone).

DESCRIPTION

Tube

UPE, black, conductive, phthalates free according to 1907/2006/CE (REACH). Meets FDA 21 CFR 177.1520; BfR III; DM 21/03/1973 and subsequent amendments; REGULATION 1935/2004/CE; REGULATION 10/2011/CE; REGULATION 1245/2020/CE.

Reinforcement

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

Cover

smooth, EPDM, black, conductive, cloth finish. Abrasion, ageing and ozone resistant

Marking

white/blue tape
TUDERTECHNICA TUCHEM® UPE FULL CONDUCTIVE
embossed according to norm EN 12115
TUDERTECHNICA UHMWPE EN12115:2021 DN SD PN 16 BAR Ω/T 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/T according to norm EN 12115 ($R<10^6$ Ω, $R<10^9$ Ω through the hose wall)
Norm : EN12115 - TRbF 131/2

refer to guidelines for cleaning and sanitizing on Tudertechnica website

Ex | PHTHALATES REACH FREE | FDA | BfR | DM 21/03/1973 | CE 1935/2004 | CE 10/2011 1245/2020

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).