

TUCHEM UPE FULL CONDUCTIVE



Suction and delivery hose designed according to EN 12115 standards for chemical products. Phthalates free tube, tested in compliance with REACH regulation. Tested and certified hose by INERIS for use in Atex area (Ex-Zone).

DESCRIPTION

Tube

UPE, black, conductive, phthalates free, tested in compliance with REACH regulation. Meets FDA 21 CFR 177.1520, BFR CHAP III AND DM 21.03.73 E SEGUENTI

Reinforcement

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

Cover

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

Marking

blue/white tape TUDERTECHNICA TUCHEM UPE FULL CONDUCTIVE



embossed according to norm EN 12115

TUDERTECHNICA UHMWPE EN12115:2011 DN SD PN 16 BAR Ω /T Q/Y
according to 3A Sanitary Standard Class II

Sterilization

TECHNICAL CHARACTERISTICS

Temperature range

-35°C / +100°C (-31°F / +212°F)

Vacuum

675 mmHg (26,6 inHg)

Electrical properties

type Ω /T according to norm EN 12115 ($R < 10^6 \Omega$, $R < 10^9 \Omega$ through the hose wall)

Norm

EN12115,
TRbF 131/2
3A Sanitary Standard Class II

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

Data refer to ambient temperature (20°C).

TUDERTECHNICA 

Via E. Mattei n° 1 - 35030 Saccolongo (PD) Italia

Tel. +39-049-8016155 Fax. +39-049-8015834

www.tudertechnica.com