



TUCHEM® EPDM



SMOOTH, BLACK, CONDUCTIVE,
CLOTH FINISH EPDM

GALVANIZED WIRE HELICES

SYNTHETIC PLYS

BLACK, CONDUCTIVE EPDM

TECHNICAL CHARACTERISTICS

Temperature range : -40°C / +120°C (-40°F / +248°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<10⁶ Ω, R<10⁹ Ω through the hose wall)

Norm : EN12115 - TRbF 131/2

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

DESCRIPTION

Tube

EPDM, black, conductive

Reinforcement

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

Cover

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

Marking

lilac tape

TUDERTECHNICA TUCHEM® EPDM

embossed according to norm EN 12115

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

Ex

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	0,66	0,44	65	2,56
25	1,00	37	1,46	0,9	13	16	250	64	1000	0,81	0,54	90	3,54
32	1,25	44	1,73	0,9	13	16	250	64	1000	0,99	0,66	120	4,72
38	1,50	51	2,00	0,9	13	16	250	64	1000	1,30	0,87	155	6,10
50	1,97	66	2,60	0,9	13	16	250	64	1000	2,13	1,43	215	8,46
51	2,00	67	2,64	0,9	13	16	250	64	1000	2,16	1,45	215	8,46
63,5	2,50	79,5	3,13	0,9	13	16	250	64	1000	2,86	1,92	275	10,83
75	2,95	91	3,58	0,9	13	16	250	64	1000	3,41	2,28	330	12,99
76	3,00	92	3,62	0,9	13	16	250	64	1000	3,45	2,31	330	12,99
100	3,94	116	4,57	0,9	13	12	185	48	750	4,41	2,95	450	17,72
102	4,00	118	4,65	0,9	13	12	185	48	750	4,46	2,99	450	17,72

Data refer to ambient temperature (20°C).