TUCHEM® VITON®



Suction and delivery hose designed according to EN 12115 standards for hot oils, chemical and petrol-chemical products.

DESCRIPTION

Tube
Viton®, black

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

Cover
smooth, CR, black, conductive, cloth finish. Abrasion, ageing, ozone and oil resistant

Marking
white/green tape
TUDERTECHNICA TUCHEM® VITON®
embossed according to norm EN 12115
TUDERTECHNICA FKM EN12115:2021 DN SD PN 16 BAR Ω Q/Y

TECHNICAL CHARACTERISTICS

Temperature range : -25°C / +120°C (-13°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 according to norm EN 12115 ($R<10^6$ Ω)
Norm : EN12115 - TRbF 131/2

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	0,81	0,54	125	4,92
25	1,00	37	1,46	0,9	13	16	250	64	1000	1,01	0,68	150	5,91
32	1,25	44	1,73	0,9	13	16	250	64	1000	1,19	0,80	175	6,89
38	1,50	51	2,00	0,9	13	16	250	64	1000	1,48	0,99	225	8,86
50	1,97	66	2,60	0,9	13	16	250	64	1000	2,30	1,54	275	10,83
51	2,00	67	2,64	0,9	13	16	250	64	1000	2,33	1,56	275	10,83
63,5	2,50	79,5	3,13	0,9	13	16	250	64	1000	3,32	2,22	350	13,78
75	2,95	91	3,58	0,9	13	16	250	64	1000	3,83	2,57	400	15,75
76	3,00	92	3,62	0,9	13	16	250	64	1000	3,87	2,59	400	15,75
100	3,94	116	4,57	0,9	13	16	250	64	1000	5,01	3,36	550	21,65
102	4,00	118	4,65	0,9	13	16	250	64	1000	5,05	3,38	550	21,65

Data refer to ambient temperature (20 °C).