TUWAGON MASTER



Suction and delivery hose designed according to EN 12115 standards for oil and petrol, aromatic content up to 50%. Tested and certified hose by BUREAU VERITAS for use in Atex area (Ex-Zone).

DESCRIPTION

Tube
NBR 1, black, conductive

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

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

Marking
yellow tape
TUDERTECHNICA TUWAGON MASTER
embossed according to norm EN 12115
TUDERTECHNICA NBR1 EN12115:2021 DN SD PN 10 BAR Ω/T Q/Y

TECHNICAL CHARACTERISTICS

Temperature range : -30°C / +100°C (-22°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

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]*
32	1,25	44	1,73	0,9	13	10	150	40	600	1,18	0,79	100	3,94
38	1,50	51	2,00	0,9	13	10	150	40	600	1,39	0,93	125	4,92
50	1,97	66	2,60	0,9	13	10	150	40	600	2,10	1,41	180	7,09
51	2,00	67	2,64	0,9	13	10	150	40	600	2,13	1,43	180	7,09
63,5	2,50	79,5	3,13	0,9	13	10	150	40	600	2,71	1,82	230	9,06
75	2,95	91	3,58	0,9	13	10	150	40	600	3,18	2,13	280	11,02
76	3,00	92	3,62	0,9	13	10	150	40	600	3,22	2,16	280	11,02
100	3,94	116	4,57	0,9	13	10	150	40	600	4,41	2,95	400	15,75
102	4,00	118	4,65	0,9	13	10	150	40	600	4,46	2,99	400	15,75

Data refer to ambient temperature (20 °C).