

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 INERIS for use in Atex area (Ex-Zone).

DESCRIPTION

Tube

NBR 1, black, conductive

Reinforcement

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

Cover

wide corrugated, CR, black, conductive, abrasion, ageing, ozone and oil resistant, cloth finish

Marking

yellow tape TUDERTECHNICA TUWAGON MASTER



embossed according to norm EN 12115

TUDERTECHNICA NBR1 EN12115:2011 DN SD PN 10 BAR Ω/T Q/Y

TECHNICAL CHARACTERISTICS

Temperature range

-30°C / +100°C (-22°F / +212°F)

Vacuum

675 mmHg (26,6 inHg)

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

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

Data refer to ambient temperature (20°C)