



DS1-T

SAE 100 R1AT - EN 853 1SN



Application

Medium pressure hose for hydraulic applications. Suitable for passage of mineral and vegetable oils, water-based solutions, water air and inert gases.

	HOSE I.D.				HOSE O.D.		WORKING PRESSURE		BURST PRESSURE		MINIMUM BEND RADIUS		WEIGHT	
	DN	size	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	Kg/m	lbs/ft
1SN-05-03	05	-3	4,8	3/16"	11,5	0.45	250	3650	1000	14600	90	3.50	0,17	0.11
1SN-06-04	06	-4	6,4	1/4"	12,8	0.50	225	3250	900	13000	100	4.00	0,21	0.14
1SN-08-05	08	-5	7,9	5/16"	14,4	0.57	215	3100	860	12400	115	4.50	0,26	0.18
1SN-10-06	10	-6	9,5	3/8"	16,9	0.67	180	2600	720	10400	125	4.92	0,32	0.22
1SN-12-08	12	-8	12,7	1/2"	19,9	0.78	160	2300	640	9200	180	7.09	0,37	0.25
1SN-16-10	16	-10	15,9	5/8"	23,1	0.91	130	1900	520	7600	205	8.07	0,43	0.29
1SN-19-12	19	-12	19,0	3/4"	27,1	1.07	105	1500	420	6000	240	9.45	0,51	0.34
1SN-25-16	25	-16	25,4	1"	35,1	1.38	87	1300	348	5200	300	11.81	0,83	0.56
1SN-31-20	31	-20	31,8	1.1/4"	42,5	1.67	62	900	248	3600	420	16.53	1,13	0.76
1SN-38-24	38	-24	38,1	1.1/2"	50.0	1.96	50	725	200	2900	500	19.69	1,44	0.97
1SN-51-32	51	-32	50,8	2"	63,9	2.52	40	580	160	2320	630	24.80	2,27	1.52

Construction:
Tube: Black synthetic rubber resistant to oils
Reinforcement: One high tensile steel braid
Cover: Black, synthetic rubber resistant to oils, abrasion and weather condition

Temperature:
 -40°C to 100°C (125°C discontinuous)
 -40°F to 212°F (257°F discontinuous)
Certifications:
 DNV Type Approval
 ABS Type Approval
 MED

Version available:
 MSHA COVER
 MSHA HARC COVER
 MSHA ENDLESS COVER
 HARC COVER
 ENDLESS COVER

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