

## DS1-T SAE 100 R1AT - EN 853 1SN



														
	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/mt	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	0,40	0.27
1SN-16-10	16	-10	15,9	5/8"	23,1	0.91	130	1900	520	7600	205	8.07	0,46	0.31
1SN-19-12	19	-12	19,0	3/4"	27,1	1.07	105	1500	420	6000	240	9.45	0,57	0.38
1SN-25-16	25	-16	25,4	1"	35,1	1.38	87	1300	348	5200	300	11.81	0,89	0.60
1SN-31-20	31	-20	31,8	1.1/4"	42,5	1.67	62	900	248	3600	450	17.72	1,19	0.80
1SN-38-24	38	-24	38,1	1.1/2"	49,8	1.96	50	725	200	2900	500	19.69	1,61	1.08
1SN-51-32	51	-32	50,8	2"	63,9	2.52	40	580	160	2320	630	24.80	2,27	1.52

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

**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  
Lloyd's Type Approval  
MED

**Version available:**

MSHA COVER  
MSHA HARC COVER  
MSHA ENDLESS COVER  
HARC COVER  
ENDLESS COVER

See page. 67