









# DS1-T Railway

EXCEEDS SAE 100R1AT - EN 853 1SN



## Application

Medium pressure hose for hydraulic applications specifically designed for railway application. 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-06-04-RAILWAY	06	-4	6,4	1/4"	12,8	0.50	225	3250	900	13.000	100	4.00	0,21	0.14
1SN-08-05-RAILWAY	08	-5	7,9	5/16"	14,4	0.57	215	3100	860	12.400	115	4.50	0,26	0.18
1SN-10-06-RAILWAY	10	-6	9,5	3/8"	16,9	0.67	180	2600	720	10.400	125	4.92	0,32	0.22
1SN-12-08-RAILWAY	12	-8	12,7	1/2"	19,9	0.78	160	2300	640	9.200	180	7.09	0,40	0.27
1SN-16-10-RAILWAY	16	-10	15,9	5/8"	23,1	0.91	130	1900	520	7.600	205	8.07	0,46	0.31
1SN-19-12-RAILWAY	19	-12	19,0	3/4"	27,1	1.07	105	1500	420	6.000	240	9.45	0,57	0.38
1SN-25-16-RAILWAY	25	-16	25,4	1"	35,1	1.38	87	1300	348	5.200	300	11.81	0,89	0.60
1SN-31-20-RAILWAY	31	-20	31,8	1.1/4"	42,5	1.67	62	900	248	3.600	420	16.54	1,19	0.80
1SN-38-24-RAILWAY	38	-24	38,1	1.1/2"	49,8	1.96	50	725	200	2.900	500	19.69	1,61	1.08

**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:**  
 EN45545-2

## DIESE RUBBER HOSES S.p.A.

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