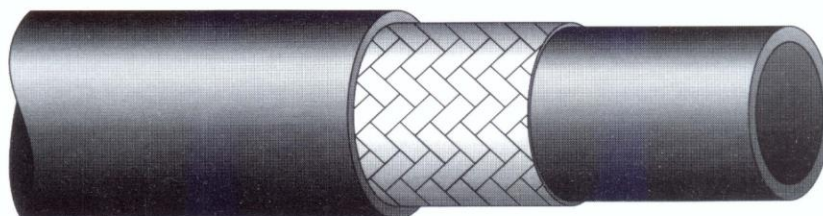


**MEDIUM PRESSURE HOSE**

**EH PART NUMBER SYSTEM - 1SN - (Dash size) - S**

**DUAL BRANDED: SAE 100 R1AT/DIN EN 853 1SN**



**Construction**

Liner: Synthetic Nitrile rubber  
 Reinforcement: Single high tensile steel wire braid  
 Cover: Styrene Butadiene Rubber (SBR)

**Application**

Medium pressure hydraulic oil lines.  
 Suitable for carrying fuels, naphtha, gasoline and lubricants.

**Temperature Range**

-40°F to +210°F (-40°C to +100°C) with peaks up to +250°F (120°C), depending on the medium.  
 Meets or exceeds requirements of DIN EN 853 1SN, (formerly DIN 20022 1SN).

**DIMENSIONS:**

DASH SIZE	NORMAL I.D.		O.D.		MAX WORKING PRESSURE		MINIMUM BURST		MINIMUM BEND RADIUS		WEIGHT
	MM	INCHES	N/A	MAX-MM	BAR	PSI	BAR	PSI	MM	INCHES	KG/M
03	4.8	3/16		12.5	250	3625	1000	14500	90	3.5	0.20
04	6.4	1/4		14.1	225	3263	900	13050	100	4.0	0.25
05	7.9	5/16		15.7	215	3118	850	12325	115	4.5	0.31
06	9.5	3/8		18.1	180	2610	720	10440	130	5.0	0.36
08	12.7	1/2		21.4	160	2320	640	9280	180	7.0	0.45
10	15.9	5/8		24.5	130	1885	520	7540	200	8.0	0.52
12	19.1	3/4		28.5	105	1523	420	6090	240	9.5	0.65
16	25.4	1		36.6	88	1276	350	5075	300	12.0	0.91
20	31.8	1 1/4		44.8	63	914	250	3625	420	16.5	1.30
24	38.1	1 1/2		52.1	50	725	200	2900	500	20.0	1.70
32	50.8	2		65.5	40	580	160	2320	630	25.0	2.50

M E T A L I C A N F A R S  
 HOSES INDUSTRIAL HYDRAULIC, STAINLESS STEEL, FLEXIBLE, GLASS FIBER & FITTINGS