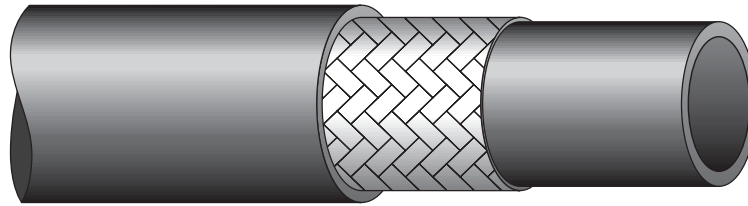


MEDIUM PRESSURE HOSE

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).

Fittings

Europower 'U' series: 2-piece permanently swaged fittings
 'R' series reusable fittings are fully 'DMQ' approved

DIMENSIONS:

HOSE TYPE												
	NOMINAL I.D.		O.D.		MAX WORKING		MINIMUM		MINIMUM		WEIGHT	
	INCHES	MM	IN	MAX-MM	PSI	BAR	PSI	BAR	INCHES	MM	LB/FT	KG/M
1SN-03-S	3/16	4.8	0.492	12.5	3625	250	14500	1000	3.5	90	0.134	0.20
1SN-04-S	1/4	6.4	0.555	14.1	3263	225	13050	900	4.0	100	0.168	0.25
1SN-05-S	5/16	7.9	0.618	15.7	3118	215	12325	850	4.5	115	0.208	0.31
1SN-06-S	3/8	9.5	0.713	18.1	2610	180	10440	720	5.0	130	0.242	0.36
1SN-08-S	1/2	12.7	0.843	21.4	2320	160	9280	640	7.0	180	0.302	0.45
1SN-10-S	5/8	15.9	1.000	24.5	1885	130	7540	520	8.0	200	0.349	0.52
1SN-12-S	3/4	19.1	1.122	28.5	1523	105	6090	420	9.5	240	0.437	0.65
1SN-16-S	1	25.4	1.441	36.6	1276	88	5075	350	12.0	300	0.612	0.91
1SN-20-S	1 1/4	31.8	1.764	44.8	914	63	3625	250	16.5	420	0.874	1.30
1SN-24-S	1 1/2	38.1	2.051	52.1	725	50	2900	200	20.0	500	1.142	1.70
1SN-32-S	2	50.8	2.579	65.5	580	40	2320	160	25.0	630	1.680	2.50

medium pressure hose

