

# DIN EN 853 1 SN SAE 100 R 1 S

Wire braid hydraulic hose meets EN 853 1SN, SAE 100R1 and ISO 1436 1SN



## GENERAL

<b>Tube</b>	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
<b>Reinforcement</b>	One braid of high tensile steel wire
<b>Cover</b>	Abrasion and ozone resistant synthetic rubber Note: various covers available
<b>Temperature range</b>	-40°C to 100°C / -40°F to +212°F [max 120°C / 248°F intermittent]
<b>Standard branding</b>	Embossed tape

## TECHNICAL DETAILS

Nominal			Internal-Ø		Braid-Ø		External-Ø		Work. pressure [max.]		Min. burst pressure		Bending radius [min.]		Weight approx.	
mm	inch	dash	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	lbs/ft	kg/m
6	1/4	-4	6,6	0.26	10,8	0.43	12,9	0.51	225	3265	900	13060	100	3.9	0.12	0,18
8	5/16	-5	8,3	0,32	12,5	0,49	14,7	0,58	215	3120	860	12480	115	4.5	0.15	0,22
10	3/8	-6	9,9	0.39	14,8	0.58	16,7	0.66	180	2610	720	10440	125	4.9	0.19	0,29
12	1/2	-8	13,0	0.51	17,9	0.70	19,9	0.78	160	2320	640	9280	180	7.1	0.24	0,36
16	5/8	-10	16,4	0.65	21,0	0.83	23,2	0.91	130	1885	520	7540	200	7.9	0.28	0,42
19	3/4	-12	19,5	0.77	25,0	0.98	27,1	1.07	105	1525	420	6100	240	9.4	0.36	0,53
25	1	-16	26,0	1.02	32,9	1.30	35,1	1.38	88	1275	352	5100	300	11.8	0.55	0,82
31	1-1/4	-20	32,5	1.28	39,9	1.57	42,5	1.67	63	915	252	3660	420	16.5	0.70	1,04
38	1-1/2	-24	38,7	1.52	46,5	1.83	50,1	1.97	50	725	200	2900	500	19.7	0.95	1,41
51	2	-32	51,1	2.01	60,1	2.36	64,1	2.52	40	580	160	2320	630	24.8	1.37	2,04

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