

DIN EN 853 2 SN SAE 100 R 2 S

Wire braid hydraulic hose meets EN 853 2SN, SAE 100R2 and ISO 1436 2SN



GENERAL

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	Two braids of high tensile steel wire
Cover	Abrasion and ozone resistant synthetic rubber Note: various covers available
Temperature range	-40°C to 100°C / -40°F to +212°F [max 120°C / 248°F intermittent]
Standard branding	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	12.4	0.49	14.3	0.56	400	5800	1600	23200	100	3.9	0.21	0.31
8	5/16	-5	8.3	0.33	14.0	0.55	16.0	0.63	350	5075	1400	20300	115	4.5	0.25	0.37
10	3/8	-6	9.9	0.39	16.4	0.65	18.4	0.72	330	4785	1320	19140	130	5.1	0.30	0.44
12	1/2	-8	13.0	0.51	19.4	0.76	21.3	0.84	275	4000	1100	16000	180	7.1	0.36	0.53
16	5/8	-10	16.4	0.65	22.6	0.89	24.6	0.97	250	3625	1000	14500	200	7.9	0.45	0.67
19	3/4	-12	19.5	0.77	26.6	1.05	28.6	1.13	215	3120	860	12480	240	9.4	0.56	0.84
25	1	-16	26.0	1.02	34.5	1.36	37.1	1.46	165	2395	660	9580	300	11.8	0.83	1.23
31	1-1/4	-20	32.5	1.28	43.9	1.73	46.7	1.84	125	1815	500	7260	420	16.5	1.20	1.79
38	1-1/2	-24	38.7	1.52	51.1	2.01	54.5	2.14	90	1305	360	5220	500	19.7	1.42	2.12
51	2	-32	51.1	2.01	62.9	2.47	66.7	2.63	80	1160	320	4640	630	24.8	1.88	2.79

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