

# 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

<b>Tube</b>	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
<b>Reinforcement</b>	Two braids 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

Nominell		Innen-Ø		Geflecht-Ø		Außen-Ø		Betriebsdruck (max.)		Min. Berstdruck		Biegeradius (min.)		Gewicht ca.		
mm	Zoll	dash	mm	Zoll	mm	Zoll	mm	Zoll	bar	psi	bar	psi	mm	Zoll	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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