



# DIN EN 853 2SN



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

**SEMPERIT** DIN EN 853 2SN DN 10 WP 330 BAR SAE100 R2S 3/8" 4785 PSI . Q . . W . . z

## TECHNICAL DETAILS

Nominal			Inside		Braid		Outside		Max. working pressure		Min. burst pressure		Min. bend radius		Weight	
mm	inch	dash	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lbs/ft
6	1/4	-4	6,6	0.26	12,4	0.49	14,3	0.56	400	5800	1600	23200	100	3.9	0,31	0.21
8	5/16	-5	8,3	0.33	14,0	0.55	16,0	0.63	350	5075	1400	20300	115	4.5	0,37	0.25
10	3/8	-6	9,9	0.39	16,4	0.65	18,4	0.72	330	4785	1320	19140	130	5.1	0,44	0.30
12	1/2	-8	13,0	0.51	19,4	0.76	21,3	0.84	275	4000	1100	16000	180	7.1	0,53	0.36
16	5/8	-10	16,4	0.65	22,6	0.89	24,6	0.97	250	3625	1000	14500	200	7.9	0,67	0.45
19	3/4	-12	19,5	0.77	26,6	1.05	28,6	1.13	215	3120	860	12480	240	9.4	0,84	0.56
25	1	-16	26,0	1.02	34,5	1.36	37,1	1.46	165	2395	660	9580	300	11.8	1,23	0.83
31	1-1/4	-20	32,5	1.28	43,9	1.73	46,7	1.84	125	1815	500	7260	420	16.5	1,79	1.20
38	1-1/2	-24	38,7	1.52	51,1	2.01	54,5	2.14	90	1305	360	5220	500	19.7	2,12	1.42
51	2	-32	51,1	2.01	62,9	2.47	66,7	2.63	80	1160	320	4640	630	24.8	2,79	1.88

Publication date: July 2021 - Subject to changes without notice

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