



SEMPERIT 

DIN EN 853 2 SN




Wire Braid Hydraulic Hose meets EN 853 2 SN, SAE 100R2 and ISO 1436 2SNR2



HOSE :

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

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

Nominal ∅		Inside ∅	Braid ∅	Outside ∅	Working pressure		Test pressure	Burst pressure	Bend radius	Weight
mm	inch	mm	mm	mm	bar	psi	bar	bar	mm	kg/m
6	1/4	6,6	12,4	14,4	400	5800	800	1600	100	0,31
8	5/16	8,3	14,0	16,0	350	5075	700	1400	115	0,37
10	3/8	9,9	16,4	18,4	330	4785	660	1320	125	0,44
12	1/2	13,0	19,4	21,4	275	4000	550	1100	180	0,53
16	5/8	16,4	22,6	24,6	250	3625	500	1000	200	0,66
19	3/4	19,5	26,6	28,6	215	3120	430	860	240	0,84
25	1	26,0	34,5	37,1	165	2395	330	660	300	1,23
31	1-1/4	32,5	43,9	46,7	125	1815	250	500	420	1,77
38	1-1/2	38,7	51,1	54,5	90	1305	180	360	500	2,17
51	2	51,1	62,9	66,7	80	1160	160	320	630	2,79

Publication date: October 2013 - Subject to changes without notice

Important Notice:

This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty. Our advice does not release you from the obligation to check its validity and to test our products as to their suitability for the intended processes and uses. The choice of the correct type of hose is very important for the proper and safe use in service. Check your or your customer's specific application accordingly and instruct on limits and dangers of product use accurately. Application, use and processing of our products or your products manufactured on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Check for operating safety regularly. In the event of damage, in particular to the hose cover, hoses must be replaced for safety reasons.

Caution/Danger:

Wrong product selection, installation or improper treatment (such as crushing, tearing, stretching, loading with impermissible media and bending radius lower than specified) of the hoses can result in damage or failure of the hose, (often also serious) material damage and personal injury.

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