

## SEMPERIT

### DIN EN 853 1 SN



Wire Braid Hydraulic Hose meets EN 853 1 SN, SAE 100R1 and ISO 1436 1SNR1



#### HOSE :

Tube	Synthetic rubber, resistant against hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC)
Reinforcement	One braid 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 1SN DN 10 WP 180 BAR SAE100 R1S 3/8" 2610 PSI . Q . W . . z 

Nominal Ø		Inside Ø	Braid Ø	Outside Ø	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	10,9	13,0	<b>225</b>	3265	450	900	100	0,19
8	5/16	8,3	12,5	14,7	<b>215</b>	3120	430	860	115	0,22
10	3/8	9,9	14,8	16,8	<b>180</b>	2610	360	720	125	0,28
12	1/2	13,0	17,9	20,0	<b>160</b>	2320	320	640	180	0,36
16	5/8	16,4	21,0	23,2	<b>130</b>	1885	260	520	200	0,44
19	3/4	19,5	25,0	27,1	<b>105</b>	1525	210	420	240	0,56
25	1	26,0	32,9	35,1	<b>88</b>	1275	176	352	300	0,83
31	1-1/4	32,5	39,9	42,5	<b>63</b>	915	150	252	420	1,07
38	1-1/2	38,7	46,5	50,1	<b>50</b>	725	100	200	500	1,42
51	2	51,1	60,1	64,1	<b>40</b>	580	80	160	630	2,01