



SEMPERIT 

DIN EN 853 1 SN EHT



Wire Braid Hydraulic Hose meets or exceeds DIN EN 853 1 SN
With hot oil resistant hose liner



HOSE :

Tube	Synthetic rubber, resistant against hot oil, hydraulic fluids (HL, HLP, HLPD, HVLP, HFA, HFAS, HFB, HFC), mineral and synthetic oils, glycols, polyglycols and aqueous oil emulsions (up to 100°C / 212°F)
Reinforcement	One braid of high tensile steel wire
Cover	Heat, abrasion and ozone resistant synthetic rubber
Temperature range	-40°C to 135°C / -40°F to +275°F (up to 150°C / 300°F peak temperatures)
Standard branding	White ink jet

SEMPERIT EHT HI-TEMP 150°C 1SN DN 10 1/4" WP 180 BAR 2610 PSI MSHA IC-8/9 . 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	11,1	13,5	225	3265	450	900	100	0,23
8	5/16	8,3	12,7	15,1	215	3120	430	860	115	0,27
10	3/8	9,9	15,1	17,5	180	2610	360	720	125	0,36
12	1/2	13,0	18,3	20,6	160	2320	320	640	180	0,44
16	5/8	16,4	21,4	23,5	130	1885	260	520	200	0,50
19	3/4	19,5	25,4	27,8	105	1525	210	420	240	0,66
25	1	26,0	33,3	35,6	88	1275	176	352	300	0,93
31	1-1/4	32,5	40,3	42,2	63	915	150	250	420	1,14
38	1-1/2	38,7	47,3	51,3	50	725	100	200	500	1,80
51	2	51,1	60,5	63,3	40	580	80	160	630	2,01

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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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