



**SEMPERIT** 

# DIN EN 853 1 SN EHT




Wire Braid Hydraulic Hose exceeds 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 ∅		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	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	51,1	50	725	100	200	500	1,80
51	2	51,1	60,5	63,3	40	580	80	160	630	2,01

Publication date: July 2016 - Subject to changes without notice

**Please note:** Before using our products with new or untested media, or for applications that are not clearly indicated in the product information, written advice must be obtained from a specialist dealer or a Semperit application engineer. For safety reasons, all products must be inspected regularly for operational safety and replaced in the event of any damage (especially of the cover) or unusual signs of wear and tear. All products must be stored, handled and maintained in accordance with all our respective instructions and DIN 7716:1982. The information in our catalogue as well as each individual datasheet is subject to change at any time without notice since we are constantly developing and improving our products and due to constant technical developments after the latest release date of the catalogue and/or individual datasheets. In order to always have the latest product and safety information make sure you visit our website ([www.semperflex.com](http://www.semperflex.com)) regularly or contact one of our specialist dealers or a Semperit application engineer. All contracts with Semperflex are exclusively subject to our general terms and conditions (available at [www.semperitgroup.com](http://www.semperitgroup.com)).

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**HYDRAULICS**

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