

# DIN EN 853 1 SN EHT

Wire braid hydraulic hose exceeds EN 853 1SN, with hot oil resistant hose liner



## GENERAL

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

## TECHNICAL DETAILS

																
Nominal			Internal-Ø		Braid-Ø		External-Ø		Work. pressure [max.]		Min. burst pressure		Bending radius [min.]		Weight approx.	
mm	inch	dash	mm	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	lbs/ft	kg/m
6	1/4	-4	6.6	0.26	11.1	0.44	13.5	0.53	225	3265	900	13060	100	3.9	0.15	0.23
8	5/16	-5	8.3	0.33	12.7	0.50	15.1	0.59	215	3120	860	12480	115	4.5	0.18	0.27
10	3/8	-6	9.9	0.39	15.1	0.59	17.5	0.69	180	2610	720	10440	125	4.9	0.24	0.36
12	1/2	-8	13.0	0.51	18.3	0.72	20.6	0.81	160	2320	640	9280	180	7.1	0.30	0.44
16	5/8	-10	16.4	0.65	21.4	0.84	23.5	0.93	130	1885	520	7540	200	7.9	0.34	0.50
19	3/4	-12	19.5	0.77	25.4	1.00	27.8	1.09	105	1525	420	6100	240	9.4	0.45	0.67
25	1	-16	26.0	1.02	33.3	1.31	35.6	1.40	88	1275	352	5100	300	11.8	0.63	0.93
31	1-1/4	-20	32.5	1.28	40.3	1.58	42.2	1.66	63	915	252	3660	420	16.5	0.77	1.14
38	1-1/2	-24	38.7	1.52	47.3	1.86	51.1	2.01	50	725	200	2900	500	19.7	1.21	1.80
51	2	-32	51.1	2.01	60.5	2.38	63.3	2.49	40	580	160	2320	630	24.8	1.35	2.01

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