

# DIN EN 853 1 SN EHT


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



## GENERAL

<b>Tube</b>	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]
<b>Reinforcement</b>	One braid of high tensile steel wire
<b>Cover</b>	Heat, abrasion and ozone resistant synthetic rubber
<b>Temperature range</b>	-40°C to 135°C / -40°F to +275°F [up to 150°C / 300°F peak temperatures]
<b>Standard branding</b>	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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