

HD 100 T

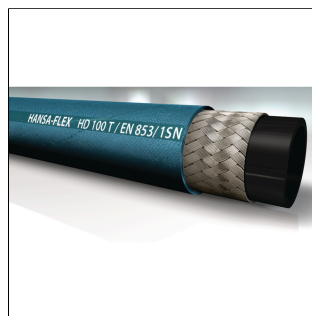
Braided hose, single-layer, EN853 1SN, high temperature resistance

HANSA FLEX

Last updated: 14/06/2026

Properties

Inner tube	oil resistant, synthetic rubber
Reinforcement	one high-tensile steel wire braid
Cover	synthetic rubber with high temperature, ozone and weather resistance
Application	Low and medium pressure circuits with extreme temperatures (e. g. foundries, compressors) hydraulics in mechanical engineering
Colour	blue
Elongation	+ 2 % to - 4 %
Media	mineral oil gear oil glycol and poly-glycol air-oil vapour water-oil-emulsions (up to +100 °C) water (0 °C to +70 °C)
Special features	outstanding ozone, weather, UV and temperature resistance
Standard	EN 853 1SN
Temp. max.	135 °C
Temp. min.	-55 °C
Customs tariff number	40092100



The product image may differ

Note

The change in length of the hose is determined at max. working pressure during testing according to EN ISO 1402-
>Operation with compressed air requires a pinpricked outer cover.

Items

Identification	DN *	In ch	S i z e	Inside Ø min.	Inside Ø max.	Burst pres sure	Working pre ssure	Ø Reinforcement min.	Ø Reinforcement max.	Outside Ø max.	Test pre ssure	Bend radius min.
				(mm)	(mm)	(bar)	(bar)	(mm)	(mm)	(mm)	(bar)	(mm)
HD 106 T	6	1/4"	4	6.2	7	900	225	10.6	11.6	14.1	450	100
HD 108 T	8	5/16"	5	7.7	8.5	850	215	12.1	13.3	15.7	430	115
HD 110 T	10	3/8"	6	9.3	10.1	720	180	14.5	15.7	18.1	360	130
HD 113 T	12	1/2"	8	12.3	13.5	640	160	17.5	19.1	21.4	320	180
HD 116 T	16	5/8"	10	15.5	16.7	520	130	20.6	22.2	24.5	260	200
HD 120 T	19	3/4"	12	18.6	19.8	420	105	24.6	26.2	28.5	210	240
HD 125 T	25	1"	16	25	26.4	350	88	32.5	34.1	36.6	175	300
HD 132 T	31	1.1/4"	20	31.8	33	280	63	39.3	41.7	44.8	126	420
HD 140 T	38	1.1/2"	24	38.1	39.3	200	50	45.6	48	52.1	100	500
HD 150 T	51	2"	32	50.6	51.7	160	40	58.7	61.7	64.8	80	630
HD 160 T	60	2.3/8"	38	63.1	65.1	200	50	67.3	70.3	78	100	760

DN = nominal diameter, nominal width

Suitable Frames

PHD 100	Swage ferrule for braided hose, skive ferrule, steel
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