

# HD 100 T

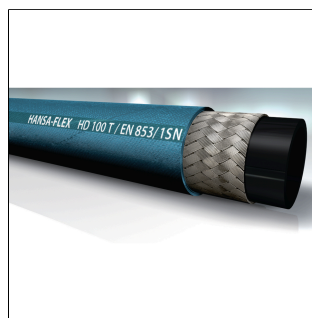
Braided hose, single-layer, EN853 1SN, high temperature resistance

**HANSA FLEX**

Last updated: 05/09/2023

## Properties

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



## 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*	Size	Inch	Inside Ø	Inside Ø	Ø Reinfo	Ø Reinfo	Outside Ø	Working pressure	Test pressure	Burst pressure	Bend radius min.
				min.	max.	ment min.	ment max.	max.				
				(mm)	(mm)	(mm)	(mm)	(mm)				
HD 106 T	6	4	1/4"	6.2	7	10.6	11.6	14.1	225	450	900	100
HD 108 T	8	5	5/16"	7.7	8.5	12.1	13.3	15.7	215	430	850	115
HD 110 T	10	6	3/8"	9.3	10.1	14.5	15.7	18.1	180	360	720	130
HD 113 T	12	8	1/2"	12.3	13.5	17.5	19.1	21.4	160	320	640	180
HD 116 T	16	10	5/8"	15.5	16.7	20.6	22.2	24.5	130	260	520	200
HD 120 T	19	12	3/4"	18.6	19.8	24.6	26.2	28.5	105	210	420	240
HD 125 T	25	16	1"	25	26.4	32.5	34.1	36.6	88	175	350	300

DN = nominal diameter, nominal width

## Frames

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