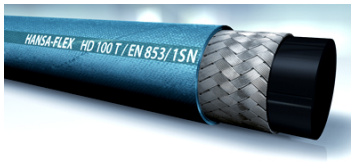
HD 100 T (1SN)

HD hose, high thermal resistance

HANSA-FLEX

Properties



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
Standard	EN 853 1 SN
Inner layer	oil resistant synthetic rubber
Insert	one high tensile steel wire braided insert
Outer layer	synthetic rubber with high temperature, ozone and weather resistance
Colour	blue
Temp. min.	-55 °C
Temp. max.	135 °C
Elongation	+ 2 % to - 4 %
Media	Mineral oil Gear oil Glycol and polyglycol Air-oil vapour Water-oil emulsion (0°C to +100°C)

Note

The change in length of the hose is determined at max. working pressure during testing to EN ISO 1402.

Operation with compressed air requires a perforated outer cover.

Item

Identification	DN*	Size	Inches	Internal Ø min. (mm)	Internal Ø max. (mm)	Ø Insert min. (mm)	Ø Insert max. (mm)	External Ø max. (mm)	Operating pressure (bar)	Test pressure (bar)	Burst pressure (bar)	Min. bending radius (mm)
HD 106 T	6	4	1/4"	6,2	7,0	10,6	11,6	14,1	225,0	450	900	100
HD 108 T	8	5	5/16"	7,7	8,5	12,1	13,3	15,7	215,0	430	850	115
HD 110 T	10	6	3/8"	9,3	10,1	14,5	15,7	18,1	180,0	360	720	130
HD 113 T	12	8	1/2"	12,3	13,5	17,5	19,1	21,4	160,0	320	640	180
HD 116 T	16	10	5/8"	15,5	16,7	20,6	22,2	24,5	130,0	260	520	200
HD 120 T	19	12	3/4"	18,6	19,8	24,6	26,2	28,5	105,0	210	420	240
HD 125 T	25	16	1"	25,0	26,4	32,5	34,1	36,6	88,0	175	350	300

DN = Nominal diameter, nominal width

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.