

HD 200 T (2SN)

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 2 SN
Inner layer	oil resistant synthetic rubber
Insert	two high tensile steel wire braided inserts
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 206 T	6	4	1/4"	6,2	7,0	12,1	13,3	15,7	400,0	800	1600	100
HD 208 T	8	5	5/16"	7,7	8,5	13,7	14,9	17,3	350,0	700	1400	115
HD 210 T	10	6	3/8"	9,3	10,1	16,1	17,3	19,7	330,0	660	1320	130
HD 213 T	12	8	1/2"	12,3	13,5	19,0	20,6	23,0	275,0	550	1100	180
HD 216 T	16	10	5/8"	15,5	16,7	22,2	23,8	26,2	250,0	500	1000	200
HD 220 T	19	12	3/4"	18,6	19,8	26,2	27,8	30,1	215,0	430	850	240
HD 225 T	25	16	1"	25,0	26,4	34,1	35,7	38,9	165,0	325	650	300
HD 232 T	31	20	1.1/4"	31,4	33,0	43,3	45,7	49,5	125,0	250	500	420
HD 240 T	38	24	1.1/2"	37,7	39,3	49,6	52,0	55,9	90,0	180	360	500
HD 250 T	51	32	2"	50,4	52,0	62,3	64,7	68,6	80,0	160	320	630

DN = Nominal diameter, nominal width