

HD 200

Braided hose, two-layer, EN853 2SN

HANSA FLEX

Last updated: 01/09/2023

Properties

Inner tube	Oil resistant, synthetic rubber
Reinforcement	two high-tensile steel wire braids
Cover	synthetic rubber with high temperature, ozone and weather resistance
Temp. min.	-40 °C
Elongation	+ 2 % to - 4 %
Application	medium high pressure circuits
Media	mineral oil poly-glycol based oil water (0 °C to +70 °C) water-oil-emulsions
Standard	EN 853 2SN
Temp. max.	100 °C
Colour	black
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

Items

Identification	DN*	Size	Inch	Inside Ø min.	Inside Ø max.	Ø Reinforcement min.	Ø Reinforcement max.	Outside Ø max.	Working pressure	Test pressure	Burst pressure	Bend radius min.
				(mm)	(mm)	(mm)	(mm)	(mm)	(bar)	(bar)	(bar)	(mm)
HD 204	5	3	3/16"	4.9	5.4	10.6	11.6	14.1	415	830	1660	90
HD 206	6	4	1/4"	6.4	7	12.1	13.3	15.7	400	800	1600	100
HD 208	8	5	5/16"	7.9	8.5	13.7	14.9	17.3	350	700	1400	115
HD 210	10	6	3/8"	9.5	10.1	16.1	17.3	19.7	330	660	1320	130
HD 213	12	8	1/2"	12.7	13.5	19	20.6	23	275	550	1100	180
HD 216	16	10	5/8"	15.8	16.7	22.2	23.8	26.2	250	500	1000	200
HD 220	19	12	3/4"	18.8	19.8	26.2	27.8	30.1	215	430	850	240
HD 225	25	16	1"	25.4	26.4	34.1	35.7	38.9	165	325	650	300
HD 232	31	20	1.1/4"	31.8	33	43.3	45.7	49.5	125	250	500	420
HD 240	38	24	1.1/2"	38.1	39.3	49.6	52	55.9	90	180	360	500
HD 250	51	32	2"	50.6	52	62.3	64.7	68.6	80	160	320	630
HD 260	60	38	2.3/8"	59.6	61.2	67.4	70.2	73.1	90	180	360	762
HD 276	76	48	3"	75.6	77.2	85.4	88.4	92.6	45	90	180	912

DN = nominal diameter, nominal width

Frames

PHD 200	Swage ferrule for braided hose, skive ferrule, steel
PHD 400	Swage ferrule, skive ferrule, steel
PHN 200	Swage ferrule for braided hose, non-skive ferrule, steel