

HD 100

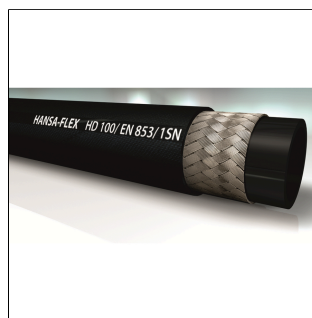
Braided hose, single-layer, EN853 1SN

HANSA FLEX

Last updated: 11/17/23

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.	-40 °C
Elongation	+ 2 % to - 4 %
Application	low and medium high pressure circuits return hoses
Media	mineral oil poly-glycol based oil water (0 °C to +70 °C) water-oil-emulsions
Standard	EN 853 1SN
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	Inside Ø	Ø Reinforcement	Ø Reinforcement	Outside Ø	Working	Test pressure	Burst pressure	Bend radius
				min.	max.	min.	max.	max.	pressure	pressure	pressure	min.
				(mm)	(mm)	(mm)	(mm)	(mm)	(bar)	(bar)	(bar)	(mm)
HD 104	5	3	3/16"	4.9	5.4	9	10	12.5	250	500	1000	90
HD 106	6	4	1/4"	6.4	7	10.6	11.6	14.1	225	450	900	100
HD 108	8	5	5/16"	7.9	8.5	12.1	13.3	15.7	215	430	850	115
HD 110	10	6	3/8"	9.5	10.1	14.5	15.7	18.1	180	360	720	130
HD 113	12	8	1/2"	12.7	13.5	17.5	19.1	21.4	160	320	640	180
HD 116	16	10	5/8"	15.8	16.7	20.6	22.2	24.5	130	260	520	200
HD 120	19	12	3/4"	18.8	19.8	24.6	26.2	28.5	105	210	420	240
HD 125	25	16	1"	25.4	26.4	32.5	34.1	36.6	88	175	350	300
HD 132	31	20	1.1/4"	31.8	33	39.3	41.7	44.8	63	150	250	420
HD 140	38	24	1.1/2"	38.1	39.3	45.6	48	52.1	50	100	200	500
HD 150	51	32	2"	50.6	52	58.7	61.7	65.5	40	80	160	630

DN = nominal diameter, nominal width

Suitable Frames

PHD 100	Swage ferrule for braided hose, skive ferrule, steel
PHD 200	Swage ferrule for braided hose, skive ferrule, steel
PHN 100	Swage ferrule for braided hose, non-skive ferrule, steel
PHN 200	Swage ferrule for braided hose, non-skive ferrule, steel