

HD 500

Spiral hose, EN856 4SH

HANSA FLEX

Last updated: 10/06/2026

Properties

Inner tube	oil resistant, synthetic rubber
Reinforcement	four spirals of high-tensile steel wire
Cover	synthetic rubber with high temperature, ozone and abrasion resistance
Application	high pressure circuits
Colour	black
Elongation	+ 2 % to - 4 %
Media	mineral oil glycol water (0 °C to +70 °C) water-oil-emulsions
Standard	EN 856 4SH
Temp. max.	100 °C
Temp. min.	-40 °C



The product image may differ

Note

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

Items

Identification	DN *	In ch	S i z e	Inside Ø	Inside Ø	Outside Ø	Test pre	Working pr	Outside Ø	Ø Reinforce	Ø Reinforce	Burst pre	Bend radiu
				min.	max.	min.	ssure	essure	max.	nt max.	nt min.	ssure	s min.
				(mm)	(mm)	(mm)	(bar)	(bar)	(mm)	(mm)	(mm)	(bar)	(mm)
HD 520	19	3/4"	12	19.1	19.8	31.4	840	420	33	29.2	27.6	1,680	280
HD 525	25	1"	16	25.5	26.4	37.5	760	380	39.9	36	34.4	1,520	340
HD 532	31	1.1/420	32	33	33	43.9	700	350	47.1	42.9	40.9	1,400	460
HD 540	38	1.1/224	38.2	39.3	39.3	51.9	580	290	55.1	49.8	47.8	1,160	560
HD 550	51	2"	32	50.6	52	66.5	500	250	69.7	64.2	62.2	1,000	700

DN = nominal diameter, nominal width