

# HD 500

Spiral hose, EN856 4SH

## 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
Temp. min.	-40 °C
Elongation	+ 2 % to - 4 %
Application	high pressure circuits
Media	mineral oil glycol water (0 °C to +70 °C) water-oil-emulsions
Standard	EN 856 4SH
Temp. max.	100 °C
Colour	black



## 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 max.	Ø Reinforcement min.	Outside Ø min.	Outside Ø max.	Working pressure	Test pressure	Burst pressure	Bend radius min.
				(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(bar)	(bar)	(bar)	(mm)
HD 520	19	12	3/4"	19.1	19.8	29.2	27.6	31.4	33	420	840	1680	280
HD 525	25	16	1"	25.5	26.4	36	34.4	37.5	39.9	380	760	1520	340
HD 532	31	20	1.1/4"	32	33	42.9	40.9	43.9	47.1	350	700	1400	460
HD 540	38	24	1.1/2"	38.2	39.3	49.8	47.8	51.9	55.1	290	580	1160	560
HD 550	51	32	2"	50.6	52	64.2	62.2	66.5	69.7	250	500	1000	700

DN = nominal diameter, nominal width