

HD 200 RM

Braided hose, two-layer, EN853 2SN, higher abrasion resistance

HANSA FLEX

Last updated: 12/06/2026

Properties

Inner tube	oil resistant, synthetic rubber
Reinforcement	two high-tensile steel wire braids
Cover	flame-retardant according to MSHA synthetic rubber with high ozone, abrasion, and weather resistance
Application	medium high pressure range under extreme usage conditions installations with high abrasion shipbuilding mining and opencast mining
Colour	black
Media	mineral oil glycol poly-glycol based oil water (0 °C to +70 °C) water-oil-emulsions (up to +100 °C)
Special features	high ozone and abrasion resistance weatherproof
Standard	EN 853 2SN
Temp. max.	100 °C
Temp. min.	-40 °C
Customs tariff number	40092100



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	Working pre ssure	Ø Reinforcement	Ø Reinforcement	Outside Ø max.	Test pre ssure	Burst pres sure	Bend radius min.
				min.	max.		(bar)	min.				
				(mm)	(mm)	(bar)	(mm)	(mm)				
HD 206 RM	6	1/4"	4	6.2	7	400	12.1	13.3	15.7	800	1,600	100
HD 208 RM	8	5/16"	5	7.7	8.5	350	13.7	14.9	17.3	700	1,400	115
HD 210 RM	10	3/8"	6	9.3	10.1	330	16.1	17.3	19.7	660	1,320	125
HD 213 RM	12	1/2"	8	12.3	13.5	275	19	20.6	23	550	1,100	180
HD 216 RM	16	5/8"	10	15.5	16.7	250	22.2	23.8	26.2	500	1,000	200
HD 220 RM	19	3/4"	12	18.6	19.8	215	26.2	27.8	30.1	430	850	240
HD 225 RM	25	1"	16	25	26.4	165	34.1	35.7	38.9	325	650	300
HD 232 RM	31	1.1/4"	20	31.4	33	125	43.3	45.7	49.5	250	500	420
HD 240 RM	38	1.1/2"	24	37.7	39.3	90	49.6	52	55.9	180	360	500
HD 250 RM	51	2"	32	50.4	52	80	62.3	64.7	68.6	160	320	630

DN = nominal diameter, nominal width

Suitable Frames

PHD 200	Swage ferrule for braided hose, skive ferrule, steel
PHD 400	Swage ferrule, skive ferrule, steel