

TECHNICAL DATA SHEETS

ROCKMASTER/4SP

ABRASION, WEATHER & HEAT RESISTANCE



KEY FEATURES



- Validated for high fatigue resistance
- Superior abrasion resistance
- High ozone and weather resistance
- Flame resistance to a wide range of specs.
- Antistatic and antitoxic cover
- Upgraded temperature resistance
- BIO biological and mineral oils compatibility

APPLICATIONS & FLUIDS



- Hydraulics: very high pressure power lines in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining
- Mineral oils, vegetable oils and synthetic ester based oils (up to 100°C/212°F), glycols and polyglycols, mineral oils in aqueous emulsion, water

TECHNICAL DATA

PART. REF.	HOSE SIZE			R.O.D.		O.D.		MAX W.P.		BURST		MIN.BEND		WEIGHT		FITTINGS	
	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	Std1	Std2
H10008006*	6	- 4	1/4"	14,7	0,58	17,6	0,69	485	7030	2400	34800	125	4,92	590	0,40	MF+M00910-04	
H10008010*	10	- 6	3/8"	17,6	0,69	21,0	0,83	450	6520	2000	29000	125	4,92	740	0,50	MF+M00910-06	
H10008012*	12	- 8	1/2"	20,3	0,80	24,2	0,95	420	6090	1750	25380	175	6,89	880	0,59	MF+M00910-08	
H10008016*	16	- 10	5/8"	23,7	0,93	27,6	1,09	380	5510	1600	23200	200	7,87	1080	0,73	MF+M00910-10	
H10008019*	19	- 12	3/4"	28,2	1,11	31,7	1,25	380	5510	1600	23200	240	9,45	1450	0,97	MF+M00920-12	SP+M05400-12
H10008025*	25	- 16	1"	35,0	1,38	39,0	1,54	320	4640	1400	20300	340	13,39	1880	1,26	MF+M00930-16	SP+M05400-16
H10008032*	31	- 20	1.1/4"	46,1	1,81	49,7	1,96	210	3040	1250	18120	460	18,11	2990	2,01	MF+M00920-20	SP+M05500-20
H10008038*	38	- 24	1.1/2"	52,4	2,06	56,1	2,21	185	2680	1000	14500	560	22,05	3500	2,35	MF+M00910-24	SP+M05500-24
H10008051*	51	- 32	2"	65,4	2,57	69,0	2,72	175	2530	1000	14500	660	25,98	5010	3,37	MF+M00910-32	SP+M05400-32

CONTINUOUS SERVICE TEMPERATURE

RANGE
-40 °F / 250 °F
-40 °C / 121 °C

MAX OPERATING TEMPERATURE

125 °C, 257 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Four high tensile steel spirals

COVER

Synthetic rubber with high ozone, weather and heat resistance

APPLICABLE SPECS

Exceed EN 856 4SP; ISO 3862 4SP; DN 16 & 19: thin cover style, exceeding performance EN 856 4SP and ISO 3862 4SP

TYPE APPROVALS

ABS; DNV-GL; DNV-GL (MED); BV; FRAS; CU-TR; MA; MSHA; RINA; B; LR; NK; DB (EN 45545-2)



Remarks:

If service temperature is lower than 212°F/100°C, Rockmaster/4SP can be used with reduced Min. Bend Radius for small sizes (DN6 100mm, DN10 110mm, DN12 120mm, DN16 140mm, DN19 170mm).