

ROCKMASTER/2SC

ABRASION, WEATHER & HEAT RESISTANCE



KEY FEATURES

- Compactness and flexibility
- Superior abrasion resistance
- High ozone and weather resistance
- Flame resistance to a wide range of specs.
- Antistatic and antitoxic cover
- Working pressure improvement
- Range extension to DN 76
- Vacuum resistance with SAE 100 R16 performance approved on sizes up to DN 76

APPLICATIONS & FLUIDS

- **Hydraulics:** medium-high pressure lines with installation constraints in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining, return and suction lines
- Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, 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
H01030005*	5	- 3	3/16"	9,7	0,38	11,5	0,45	420	6090	2000	29000	40	1,57	220	0,15	MF+M03400-03	OPF-03
H01030006*	6	- 4	1/4"	11,3	0,44	13,1	0,52	400	5800	1850	26830	45	1,77	275	0,18	MF+M03400-04	OPF-04
H01030008*	8	- 5	5/16"	12,9	0,51	14,7	0,58	350	5070	1700	24650	55	2,17	325	0,22	MF+M03400-05	OPF-05
H01030010*	10	- 6	3/8"	15,0	0,59	16,8	0,66	330	4780	1500	21750	65	2,56	390	0,26	MF+M03400-06	OPF-06
H01030012*	12	- 8	1/2"	18,5	0,73	20,3	0,80	275	3980	1220	17690	80	3,15	500	0,34	MF+M03400-08	OPF-08
H01030016*	16	- 10	5/8"	21,8	0,86	23,6	0,93	250	3620	1050	15220	90	3,54	620	0,42	MF+M03400-10	OPF-10
H01030019*	19	- 12	3/4"	25,6	1,01	27,6	1,09	245	3550	980	14210	120	4,72	790	0,53	MF+M03400-12	OPF-12
H01030025*	25	- 16	1"	33,0	1,30	35,2	1,39	210	3040	840	12180	150	5,91	1180	0,79	MF+M03400-16	OPF-16
H01030031*	31	- 20	1.1/4"	41,1	1,62	43,6	1,72	140	2030	560	8120	250	9,84	1550	1,04	MF+M03400-20	OPK-20
H01030038*	38	- 24	1.1/2"	47,7	1,88	50,7	2,00	100	1450	400	5800	300	11,81	1880	1,26	MF+M03400-24	OPK-24
H01030051*	51	- 32	2"	60,4	2,38	63,4	2,50	90	1300	360	5220	400	15,75	2430	1,63	MF+M03400-32	OPK-32
H01030063*	63	- 40	2.1/2"	73,0	2,87	76,0	2,99	70	1010	300	4350	760	29,92	2900	1,95	MF+M03400-40	
H01030076*	76	- 48	3"	87,8	3,46	90,5	3,56	45	650	180	2610	900	35,43	3120	2,10	MF+M03400-48	

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °F / 212 °F
-40 °C / 100 °C

MAX OPERATING TEMPERATURE

125 °C, 257 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Two high tensile steel braids

COVER

Synthetic rubber with high ozone, weather and heat resistance

APPLICABLE SPECS

Exceed EN 857 2SC; ISO 11237 2SC; SAE 100 R16. In addition: DN 25 SAE 100 R17; ISO 11237 R17

TYPE APPROVALS

ABS; BV; DNV-GL; CU-TR; LR; MA; MSHA; RINA; B; FRAS; CCS