

ROCKMASTER/2SC

ABRASION, WEATHER & HEAT RESISTANCE



HOSES

45

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	Std 1	Std 2
H01030005*	5	-3	3/16"	9.7	0.38	11.5	0.45	420	6,090	2,000	29,000	40	1.57	220	0.15	MF+M03300-03	OPF-03
H01030006*	6	-4	1/4"	11.3	0.44	13.1	0.52	400	5,800	1,850	26,830	45	1.77	275	0.18	MF+M03300-04	OPF-04
H01030008*	8	-5	5/16"	12.9	0.51	14.7	0.58	350	5,070	1,700	24,650	55	2.17	325	0.22	MF+M03300-05	OPF-05
H01030010*	10	-6	3/8"	15.0	0.59	16.8	0.66	330	4,780	1,500	21,750	65	2.56	390	0.26	MF+M03300-06	OPF-06
H01030012*	12	-8	1/2"	18.5	0.73	20.3	0.80	275	3,980	1,220	17,690	80	3.15	500	0.34	MF+M03300-08	OPF-08
H01030016*	16	-10	5/8"	21.8	0.86	23.6	0.93	250	3,620	1,050	15,220	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	3,550	980	14,210	120	4.72	790	0.53	MF+M03400-12	OPF-12
H01030025*	25	-16	1"	33.0	1.30	35.2	1.39	210	3,040	840	12,180	150	5.91	1,180	0.79	MF+M03400-16	OPF-16
H01030031*	31	-20	1.1/4"	41.1	1.62	43.6	1.72	140	2,030	560	8,120	250	9.84	1,550	1.04	MF+M03400-20	OPK-20
H01030038*	38	-24	1.1/2"	47.7	1.88	50.7	2.00	100	1,450	400	5,800	300	11.81	1,880	1.26	MF+M03400-24	OPK-24
H01030051*	51	-32	2"	60.4	2.38	63.4	2.50	90	1,300	360	5,220	400	15.75	2,430	1.63	MF+M03400-32	OPK-32
H01030063*	63	-40	2.1/2"	73.0	2.87	76.0	2.99	70	1,010	300	4,350	760	29.92	2,900	1.95	MF+M03400-40	
H01030076*	76	-48	3"	87.8	3.46	90.5	3.56	45	650	180	2,610	900	35.43	3,120	2.10	MF+M03400-48	

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 R4 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

CONTINUOUS SERVICE TEMPERATURE RANGE

-40 °C, -40 °F
100 °C, 212 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Two high tensile steel braids

COVER

STRONG - TYPE "SD"
Synthetic rubber with high abrasion, ozone, weather and heat resistance

APPLICABLE SPECS

Exceeds 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; MSHA; RINA; B; FRAS; CCS; NK; DNV-GL(MED)

REMARKS



- For hydraulic lift applications according to EN 81-20 applications, the following sizes and working pressures are recommended: DN 31 - WP = 50 bar; DN 38 - WP = 50 bar; DN 51 - WP = 45 bar