

# ROCKMASTER/1SC

ABRASION, WEATHER & HEAT RESISTANCE



HOSES

46

## 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
H01108006*	6	-4	1/4"	10.2	0.40	12.0	0.47	260	3,770	1,050	15,220	50	1.97	180	0.12	MF+M03300-04	MF+M00120-04
H01108008*	8	-5	5/16"	11.5	0.45	13.6	0.54	250	3,620	1,000	14,500	55	2.17	210	0.14	MF+M03300-05	MF+M00120-05
H01108010*	10	-6	3/8"	13.6	0.54	15.5	0.61	225	3,260	900	13,050	60	2.36	255	0.17	MF+M03300-06	MF+M00120-06
H01108012*	12	-8	1/2"	17.3	0.68	19.1	0.75	190	2,750	760	11,020	70	2.76	355	0.24	MF+M03300-08	MF+M00820-08
H01108016*	16	-10	5/8"	20.6	0.81	22.4	0.88	150	2,170	600	8,700	90	3.54	430	0.29	MF+M03400-10	MF+M00820-10
H01108019*	19	-12	3/4"	23.9	0.94	25.9	1.02	150	2,170	600	8,700	100	3.94	520	0.35	MF+M03400-12	MF+M00820-12
H01108025*	25	-16	1"	31.3	1.23	33.1	1.30	110	1,590	440	6,380	160	6.30	730	0.49	MF+M03400-16	MF+M00820-16
H01108031*	31	-20	1.1/4"	38.4	1.51	40.9	1.61	75	1,080	300	4,350	210	8.27	1,040	0.70	MF+M03400-20	MF+M00820-20
H01108038*	38	-24	1.1/2"	45.0	1.77	47.5	1.87	50	720	200	2,900	300	11.81	1,170	0.79	MF+M00820-24	
H01108051*	51	-32	2"	58.0	2.28	60.5	2.38	50	720	200	2,900	400	15.75	1,560	1.05	MF+M00820-32	
H01108063*	63	-40	2.1/2"	70.5	2.78	73.0	2.87	50	720	200	2,900	760	29.92	2,090	1.40	MF+M03400-40	
H01108076*	76	-48	3"	85.0	3.35	87.7	3.45	35	500	140	2,030	900	35.43	2,616	1.76	MF+M03400-48	

## KEY FEATURES

- Compact and flexible one wire braid hose line
- High temperature resistance for the most severe service and OEM applications
- Working pressure exceeds 1SC standards
- Superior protection with ROCKMASTER® cover compound
- High ozone and weather resistance
- Flame resistance to a wide range of specs.
- Antistatic and antitoxic cover
- Vacuum resistance with SAE 100 R4 performance approved on sizes up to DN 31

## APPLICATIONS & FLUIDS

- Hydraulics: low-medium pressure lines with installation constraints in severe environmental conditions, specific installations with tough abrasion conditions, marine applications, underground and open pit mining
- 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

121 °C, 250 °F

## TUBE

Oil resistant synthetic rubber

## REINFORCEMENT

One high tensile steel braid

## COVER

STRONG - TYPE "SD"

Synthetic rubber with high abrasion, ozone, weather and heat resistance

## APPLICABLE SPECS

Exceeds EN 857 1SC; ISO 11237 1SC

## TYPE APPROVALS

CU-TR; LR; MSHA; ABS; CCS; DNV-GL