

ROCKMASTER/2ST

ABRASION, WEATHER & HEAT RESISTANCE



HOSES 50

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
H01035005*	5	-3	3/16"	11.3	0.44	15.6	0.61	415	6,010	2,000	29,000	89	3.50	385	0.26	MF+M00910-03	
H01035006*	6	-4	1/4"	12.7	0.50	17.2	0.68	400	5,800	1,750	25,380	100	3.94	450	0.30	MF+M00910-04	
H01035008*	8	-5	5/16"	14.3	0.56	18.9	0.74	350	5,070	1,480	21,460	114	4.49	500	0.34	MF+M00910-05	
H01035010*	10	-6	3/8"	16.7	0.66	21.3	0.84	350	5,070	1,400	20,300	127	5.00	640	0.43	MF+M00910-06	
H01035012*	12	-8	1/2"	19.8	0.78	24.5	0.96	350	5,070	1,400	20,300	178	7.01	790	0.53	MF+M00910-08	
H01035016*	16	-10	5/8"	23.0	0.91	27.7	1.09	250	3,620	1,020	14,790	200	7.87	870	0.58	MF+M00910-10	
H01035019*	19	-12	3/4"	27.0	1.06	31.6	1.24	215	3,110	900	13,050	240	9.45	1,100	0.74	MF+M00920-12	
H01035025*	25	-16	1"	34.8	1.37	39.5	1.56	175	2,530	670	9,710	300	11.81	1,510	1.01	MF+M00930-16	
H01035032*	31	-20	1.1/4"	44.3	1.74	50.6	1.99	140	2,030	600	8,700	419	16.50	2,310	1.55	MF+M00920-20	
H01035040*	38	-24	1.1/2"	50.7	2.00	57.0	2.24	100	1,450	500	7,250	500	19.69	2,683	1.80	MF+M00910-24	
H01035051*	51	-32	2"	63.5	2.50	69.8	2.75	90	1,300	420	6,090	630	24.80	3,410	2.29	MF+M00910-32	

KEY FEATURES

- High robustness of the cover for mining applications and tough handling
- Superior abrasion resistance
- High ozone and weather resistance
- Flame resistance to a wide range of specs.
- Antistatic and antitoxic cover
- Over standard pressure resistance

APPLICATIONS & FLUIDS

- Hydraulics: medium-high pressure lines 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

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 853 2ST; SAE 100 R2A; ISO 1436 2ST/R2A

TYPE APPROVALS

BV; CU-TR; LR; B; MSHA; FRAS; ABS; RINA

ROCKMASTER/2 PLUS SUPER ANTI-WEAR

ABRASION, WEATHER & HEAT RESISTANCE



HOSES 51

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
H01139006*	6	-4	1/4"	11.3	0.44	13.1	0.52	450	6,520	1,800	26,100	45	1.77	269	0.18	MF+M03400-04	
H01139010*	10	-6	3/8"	16.7	0.66	18.5	0.73	400	5,800	1,600	23,200	127	5.00	518	0.35	MF+M00910-06	OPK-06
H01139012*	12	-8	1/2"	20.1	0.79	22.1	0.87	362	5,250	1,450	21,030	150	5.91	683	0.46	MF+M00910-08	OPK-08
H01139016*	16	-10	5/8"	23.2	0.91	25.2	0.99	340	4,930	1,360	19,720	200	7.87	833	0.56	MF+M00910-10	OPK-10
H01139019*	19	-12	3/4"	27.1	1.07	29.3	1.15	310	4,490	1,240	17,980	230	9.06	1,034	0.69	MF+M00920-12	OPK-12
H01139025*	25	-16	1"	35.1	1.38	37.8	1.49	240	3,480	960	13,920	300	11.81	1,531	1.03	MF+M00930-16	OPK-16
H01139032*	31	-20	1 1/4"	44.5	1.75	47.2	1.86	175	2,530	700	10,150	380	14.96	2,055	1.38	MF+M00920-20	OPK-20
H01139038*	38	-24	1 1/2"	51.0	2.01	53.7	2.11	146	2,110	584	8,470	450	17.72	2,444	1.64	MF+M00910-24	
H01139051*	51	-32	2"	62.8	2.47	65.5	2.58	112	1,620	448	6,490	600	23.62	3,013	2.02	MF+M00910-32	
H01139076*	76	-48	3"	87.8	3.46	91.4	3.60	70	1,010	280	4,060	500	19.69	3,901	2.62	MF+M03400-48	

KEY FEATURES

- Superior pressure rating
- Superior abrasion resistance
- High ozone and weather resistance
- Flame resistance to a wide range of specs.
- Antistatic and antitoxic cover
- Robustness thanks to skive fittings solution

APPLICATIONS & FLUIDS

- Hydraulics: high 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
100 °C, 212 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Two high tensile steel braids

COVER

R.O.C.
Synthetic rubber with extreme abrasion and ozone resistance

APPLICABLE SPECS

Manuli® Design exceeds ISO 1436-2SN; EN 853-2SN; SAE J517 Type 100R2AT. Performance BCS 174; ISO 6805 Type 4

TYPE APPROVALS

MSHA; CU-TR