HYDRA-FLEX INC.
AN AIR-WAY COMPANY

ROCKMASTER®/12

ABRASION, WEATHER & HEAT RESISTANCE

PART REF.	HOSE SIZE			O.D.		MAX. W.P.		BURST PRESSURE		MIN. BEND RADIUS		WEIGHT		MF3000 FITTING		MF2000 FITTING
	DN	dash	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lbs/100 ft			
R12-06	10	-6	3/8"	20.0	0.79	280	4060	1600	23200	100	3.94	620	42	OPS	OPNS	MF+M00910-06
R12-08	12	-8	1/2"	23.5	0.93	280	4060	1350	19570	125	4.92	760	51	OPS	OPNS	MF+M00910-08
R12-10	16	-10	5/8"	27.1	1.07	280	4060	1300	18850	140	5.51	990	66	OPS	OPNS	MF+M00910-10
R12-12	19	-12	3/4"	30.4	1.20	280	4060	1300	18850	150	5.91	1175	79	OPS	OPNS	MF+M00920-12
R12-16	25	-16	1"	37.5	1.48	280	4060	1150	16670	225	8.86	1690	114	OPS	OPNS	MF+M00920-16
R12-20	31	-20	1-1/4"	45.9	1.81	210	3040	1000	14500	250	9.84	2270	152	OPS	OPNS	MF+M00920-20
R12-24	38	-24	1-1/2"	53.3	2.10	175	2530	1000	14500	500	19.69	3120	210	OPS	OPNS	MF+M00910-24
R12-32	51	-32	2"	66.7	2.63	175	2530	800	11600	630	24.80	4420	296	OPS	OPNS	MF+M00910-32

KEY PERFORMANCE

Approved at 1.000.000 impulse cycles (MF2000® fittings) • Superior abrasion resistance • High ozone and weather resistance • Flame resistance to a wide range of spec. • Antistatic and antitoxic cover • bio biological and mineral oils compatibility

MAIN APPLICATIONS

High pressure power lines in heavy duty environmental conditions, specific installations with severe abrasion conditions, marine applications, underground and open pit mining

CONTINUOUS SERVICE TEMPERATURE RANGE

-40°F / +250°F -40°C / +121°C

MAX. OPERATING TEMPERATURE

(intermittent service) 257°F / 125°C

RECOMMENDED FLUIDS

Mineral oils, vegetable oils and synthetic ester-based oils (up to 212°F / 100°C), glycols and polyglycols, mineral oils in aqueous emulsion, water

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 R12 - SAE 100 R12 - ISO 3862-1 R12

TYPE APPROVALS: ABS, BV, BV (MED), FRAS, GOST-R, LR, MSHA

manuli® HYDRAULICS