



ROCKMASTER®/13

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		
R13-12	19	-12	3/4"	31.8	1.25	350	5070	1950	28270	240	9.45	1620	109	OPS	IL+M01500-12
R13-16	25	-16	1"	39.2	1.54	350	5070	1650	23920	300	11.81	2195	147	OPS	IL+M01500-16
R13-20	31	-20	1-1/4"	48.8	1.92	350	5070	1500	21750	420	16.50	3285	221	OPS	IL+M01600-20
R13-24	38	-24	1-1/2"	57.5	2.26	350	5070	1600	23200	500	19.69	4720	317	OPS	IL+M01600-24
R13-32	51	-32	2"	72.0	2.83	350	5070	1500	21750	630	24.80	6825	457	OPS	IL+M01800-32

KEY PERFORMANCE

Approved at 1,000,000 flexing impulse cycles (MF2000® fittings) • Superior abrasion resistance • High ozone and weather resistance • Flame resistance to a wide range of spec. • Antistatic and antitoxic cover •  biological and mineral oils compatibility

MAIN APPLICATIONS

Heavy duty power lines, hydrostatic transmissions, 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 (DN 6÷31).

Six high tensile steel spirals (DN 38÷51)

COVER: Synthetic rubber with high ozone, weather and heat resistance

APPLICABLE SPECS.: Exceed EN 856 R13 - SAE 100 R13 - ISO 3862-1 R13

TYPE APPROVALS: ABS (DN 19÷51), BV (DN 19÷51), BV MED (DN 19÷51), FRAS, GOST-R, LOBA, RINA (DN 38÷51),  (DN 19÷51), MSHA