

SHIELDMASTER®/5000

SAE 100 R6 EN 854 R6/1TE



PART REF.	HOSE SIZE	R.O.D.	O.D.	MAX. W.P.	BURST PRESSURE	MIN. BEND RADIUS	WEIGHT	MF2000 FITTING

	DN	dash	inch	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	g/m	lb/ft	
H01032006*	6	-4	1/4"	11.6	0.46	13.6	0.54	345	5000	1380	20010	50	1.97	275	0.18	MF+M00120-04
H01032008*	8	-5	5/16"	12.9	0.51	15.1	0.59	345	5000	1380	20010	55	2.17	340	0.25	MF+M00120-05
H01032010*	10	-6	3/8"	15.0	0.59	17.2	0.68	345	5000	1380	20010	65	2.56	400	0.27	MF+M00120-06
H01032012*	12	-8	1/2"	19.8	0.78	22.2	0.87	345	5000	1380	20010	120	4.72	650	0.44	MF+M00120-08
H01032016*	16	-10	5/8"	24.4	0.96	27.2	1.07	345	5000	1380	20010	200	7.87	980	0.66	MF+M00120-10
H01032019*	19	-12	3/4"	28.2	1.11	31.2	1.23	345	5000	1380	20010	230	9.06	1360	0.91	IP+M01500-12
H01032025*	25	-16	1"	35.1	1.38	38.1	1.50	345	5000	1380	20010	267	10.51	1950	1.31	IP+M01500-16

KEY PERFORMANCE

Outstanding abrasion and ozone resistance • Compact overall dimensions • Easy assembly and mounting operations (no protection sleeves required) • Isobaric pressure rating • **FROST** suitable for very cold environments

MAIN APPLICATIONS

Heavy duty power lines with extreme abrasion conditions (e.g. bunched-up hoses, localised contacts with sharp edges and extraneous bodies/particles, wear due to sliding over the ground, alternative to spring guards)

CONTINUOUS SERVICE TEMPERATURE RANGE

-49°F / +212°F -45°C / +100°C

MIN EXTERNAL TEMPERATURE

-67°F / -55°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

REMARK: HALOGEN-FREE HOSE LINE

INSERT: MF2000® - MULTIFIT TYPE (ON 6 ÷16)

MF2000® - INTERLOCK PLUS TYPE (ON 19 ÷25)

TUBE: Oil resistant synthetic rubber

REINFORCEMENT: Two high tensile steel braids (ON 6 ÷12).

Four high tensile steel spirals (ON 16 ÷25)

COVER: Composite bi-layer structure with outstanding abrasion resistance

APPLICABLE SPECS.: MANULI® Design

TYPE APPROVALS: GOST-R

