



EQUATOR/2 (BLACK)

EXTREME HIGH TEMPERATURE - BLACK VERSION



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	Insert	Ferrule
EQ2-04	6	-4	1/4"	12.7	0.50	14.9	0.59	400	5,800	1,725	25,010	100	3.94	390	0.26	MF2000	M00910-04
EQ2-05	8	-5	5/16"	14.3	0.56	16.5	0.65	350	5,070	1,480	21,460	114	4.49	435	0.29	MF2000	M00910-05
EQ2-06	10	-6	3/8"	16.7	0.66	19.0	0.75	330	4,780	1,400	20,300	127	5.00	530	0.36	MF2000	M00910-06
EQ2-08	12	-8	1/2"	19.8	0.78	22.0	0.87	275	3,980	1,200	17,400	178	7.01	640	0.43	MF2000	M00910-08
EQ2-10	16	-10	5/8"	23.0	0.91	25.2	0.99	250	3,620	1,020	14,790	200	7.87	760	0.51	MF2000	M00910-10
EQ2-12	19	-12	3/4"	27.0	1.06	29.0	1.14	215	3,110	900	13,050	240	9.45	940	0.63	MF2000	M00920-12
EQ2-16	25	-16	1"	34.8	1.37	37.0	1.46	175	2,530	700	10,150	300	11.81	1,350	0.91	MF2000	M00930-16
EQ2-20	31	-20	1 1/4"	44.3	1.74	47.0	1.85	150	2,170	600	8,700	420	16.54	2,010	1.35	MF2000	M00920-20
EQ2-24	38	-24	1 1/2"	50.7	2.00	53.4	2.10	100	1,450	410	5,940	500	19.69	2,250	1.51	MF2000	M00910-24
EQ2-32	51	-32	2"	63.5	2.50	66.2	2.61	90	1,300	370	5,360	630	24.80	3,080	2.07	MF2000	M00910-32

KEY FEATURES

- Wide range temperature resistance
- EN/DIN and new SAE pressure rating
- Outstanding ozone resistance
- Superior weather and UV resistance
- High aging resistance

APPLICATIONS & FLUIDS

- Hydraulics: medium-high pressure lines in extreme temperature conditions (foundries, compressors, hydraulics within engine compartments, etc.)
- Mineral oils, glycols and polyglycols, transmission fluids, air with oil vapours, mineral oils in aqueous emulsion (up to 212°F/100°C)

CONTINUOUS SERVICE TEMPERATURE RANGE

-55 °C, -67 °F

135 °C, 275 °F

MAX. OPERATING TEMPERATURE

150 °C, 300 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

Two high tensile steel braids

COVER

STANDARD - TYPE "XT"

Synthetic rubber with high ozone, weather and heat resistance

APPLICABLE SPECS

Exceeds EN 853 2SN; SAE 100 R2AT; ISO 1436 2SN/R2AT

TYPE APPROVALS

ABS; DNV-GL; CU-TR; LR; MSHA; DNV-GL(MED)

REMARKS



- Compressed air applications require cover pin-pricking and additional safety devices. High pressure compressed air applications must be carefully analysed to verify the suitability of the hose, contact Manuli Hydraulics Help Desk for technical guidelines.
- Equator hose is not suitable for high temperature water applications
- Equator hoses are not designed and not approved for "air brake" applications on railway and/or mobile equipment