

EQUATOR/1 (BLUE)

EXTREME TEMPERATURE - BLUE VERSION



HOSES

H12-1

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: low-medium 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)

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	Std1	Std2
H01059006*	6	- 4	1/4"	11,0	0,43	13,4	0,53	225	3260	1000	14500	100	3,94	240	0,16	MF+M00120-04	OPF-04
H01059008*	8	- 5	5/16"	12,6	0,50	15,0	0,59	215	3110	900	13050	114	4,49	285	0,19	MF+M00120-05	
H01059010*	10	- 6	3/8"	15,0	0,59	17,3	0,68	180	2610	800	11600	127	5,00	340	0,23	MF+M00120-06	
H01059012*	12	- 8	1/2"	18,1	0,71	20,5	0,81	160	2320	680	9860	178	7,01	435	0,29	MF+M00120-08	
H01059016*	16	- 10	5/8"	21,3	0,84	23,5	0,93	130	1880	600	8700	200	7,87	510	0,34	MF+M00120-10	
H01059019*	19	- 12	3/4"	25,2	0,99	27,7	1,09	105	1520	500	7250	240	9,45	640	0,43	MF+M00120-12	
H01059025*	25	- 16	1"	33,1	1,30	35,8	1,41	88	1270	360	5220	300	11,81	980	0,66	MF+M00130-16	
H01059032*	31	- 20	1.1/4"	40,6	1,60	43,5	1,71	65	940	345	5000	420	16,54	1300	0,87	MF+M00110-20	OPK-20
H01059038*	38	- 24	1.1/2"	46,9	1,85	50,0	1,97	50	720	290	4200	500	19,69	1540	1,03	MF+M00110-24	OPK-24
H01059051*	51	- 32	2"	60,4	2,38	63,1	2,48	40	580	250	3620	630	24,80	2100	1,41	MF+M00110-32	OPK-32
H01059063*	63	- 40	2.1/2"	72,0	2,83	74,6	2,94	35	500	140	2030	600	23,62	2400	1,61	MF+M03400-40	

CONTINUOUS SERVICE TEMPERATURE

RANGE
-67 °F / 275 °F
-55 °C / 135 °C

MAX OPERATING TEMPERATURE

150 °C, 300 °F

TUBE

Oil resistant synthetic rubber

REINFORCEMENT

One high tensile steel braid

COVER

Synthetic rubber with high ozone, weather and heat resistance

APPLICABLE SPECS

Exceed EN 853 1SN; SAE 100 R1AT; ISO 1436 1SN/R1AT

TYPE APPROVALS

ABS; BV; BV MED; DNV-GL; CU-TR; LR; MSHA



Remarks:

- Compressed air applications require cover pin-pricking and additional safety devices
- Equator hose is not suitable for high temperature water applications
- Equator hose is not designed and not approved for "air brake" applications on railway and/or mobile equipment.