



Balflex® SAE 100R5 HEATMASTER

Balflex® SAE 100R5 HEATMASTER 150°C / 302°F – 10.1007.--HT

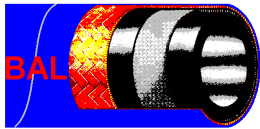
According to SAE J517 type SAE 100R5

High pressure HIGH TEMPERATURE hydraulic hose with steel and textile braids reinforcement with blue rubber cover

HIGH TEMPERATURE

+ 150°C (+ 302°F) intermittent service

+ 135°C (+ 275°F) continuous service



Inner tube: seamless oil resistant synthetic rubber

Reinforcement: high resistance synthetic textile braids with an intermediate high tensile steel wire braid

Outer tube: pin-pricked oil, weather and abrasion resistant synthetic blue rubber
4: 1

Safety factor: petroleum base hydraulic fluids and hot air in compressors

Application: intermittent: - 40°C (- 40°F) + 150°C (+ 302°F); continuous service + 135°C (+ 275°F)

Temperature range: Max. temperature recommended for water base hydraulic fluids: **+ 70°C (+ 158°F)**

Max. temperature recommended for air: **+ 60°C (+ 140°F)**

Couplings: Balflex® crimped fittings P25 serie

part number	Ø nom.	dash size	Ø internal		Ø external		working pressure		min. burst pressure		min. bend radius		weight
			mm	inch	mm	inch	MPa	PSI	MPa	PSI	mm	inch	kg/m
10.1007.04HT	3/16"	- 4	4,8	0.19	13,2	0.52	20,7	3000	82,8	12000	76	3.00	0,19
10.1007.05HT	1/4"	- 5	6,3	0.25	14,8	0.60	20,7	3000	82,8	12000	86	3.38	0,27
10.1007.06HT	5/16"	- 6	8,0	0.31	17,2	0.68	15,5	2250	62,0	9000	102	4.00	0,29
10.1007.08HT	13/32"	- 8	10,4	0.41	19,5	0.77	13,8	2000	55,2	8000	117	4.62	0,36
10.1007.10HT	1/2"	- 10	12,7	0.50	23,4	0.92	12,1	1755	48,3	7020	140	5.50	0,45
10.1007.12HT	5/8"	- 12	16,0	0.63	27,4	1.08	10,3	1495	41,4	5980	165	6.50	0,56
10.1007.16HT	7/8"	- 16	22,2	0.88	31,4	1.24	5,5	800	22,1	3200	187	7.38	0,78
10.1007.20HT	1.1/8"	- 20	28,6	1.13	38,1	1.50	4,3	625	17,2	2500	229	9.00	1,06
10.1007.24HT	1.3/8"	- 24	34,9	1.38	44,5	1.75	3,4	500	13,8	2000	267	10.50	1,45
10.1007.32HT	1.13/16"	- 32	46,0	1.81	56,4	2.22	2,4	350	9,7	1400	337	13.20	1,70
10.1007.40HT	2.3/8"	- 40	60,3	2.38	73,0	2.87	2,4	350	9,7	1400	610	24.00	2,15
10.1007.48HT	3"	- 48	76,2	3.00	90,5	3.56	1,4	200	5,5	800	838	33.00	3,08

Construction characteristics and dimensions may be changed at any time without prior notice.

The data contained herein is information purposes only and does not enlarge, amend or imply any warranty other than provided by the manufacturer with the product. Any use of the product not in conformance with the manufacturer's instructions may be dangerous.

Only items in this catalogue are carried in stock. Some items are subjected to minimum quantities or sold only in multiples of standard quantities. Please refer to the price list or contact our commercial department.

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