BRAKEMASTER R5R HEATMASTER

SAE 100R5R – 10.1006.-HT

High pressure, high temperature hydraulic hose with steel and textile braid reinforcement with blue pin-pricked rubber cover

REFERENCE	#	inch	SAE Dash	ID mm	OD mm	MPa	PSI	MPa	PSI	MIN BEND RAD mm	KG kg/m
R5R-04-HT	10.1006.04HT	3/16"	-4	4,8	13,2	**20.7**	3100	**82.8**	12400	76	0,19
R5R-05-HT	10.1006.05HT	1/4"	-5	6,3	14,8	**20.7**	3100	**82.8**	12400	86	0,27
R5R-06-HT	10.1006.06HT	5/16"	-6	8,0	17,2	**15.5**	2300	**62.0**	9200	102	0,29
R5R-08-HT	10.1006.08HT	13/32"	-8	10,4	19,5	**13.8**	2100	**55.2**	8400	117	0,36
R5R-10-HT	10.1006.10HT	1/2"	-10	12,7	23,4	**12.1**	1800	**48.3**	7200	140	0,45
R5R-12-HT	10.1006.12HT	5/8"	-12	16,0	27,4	**10.3**	1500	**41.4**	6100	165	0,56
R5R-16-HT	10.1006.16HT	7/8"	-16	22,2	31,4	**5.5**	800	**22.1**	3200	187	0,78
R5R-20-HT	10.1006.20HT	1.1/8"	-20	28,6	38,1	**4.3**	630	**17.2**	2520	229	1,06
R5R-24-HT	10.1006.24HT	1.3/8"	-24	34,9	44,5	**3.4**	500	**13.8**	2000	267	1,45
R5R-32-HT	10.1006.32HT	1.13/16"	-32	46,0	56,4	**2.4**	350	**9.7**	1400	337	1,70
R5R-40-HT	10.1006.40HT	2.3/8"	-40	60,3	73,0	**2.4**	350	**9.7**	1400	610	2,15
R5R-48-HT	10.1006.48HT	3"	-48	76,2	90,5	**1.4**	210	**5.5**	840	838	3,08

INNER TUBE: seamless oil resistant synthetic rubber
REINFORCEMENT: 2 high resistance synthetic textile braids with an intermediate high tensile steel wire braid

OUTER TUBE: blue wrapped, pin-pricked, weather and abrasion resistant synthetic rubber
SAFETY FACTOR: 4:1
APPLICATION: petroleum base hydraulic fluids and hot air in compressors

TEMPERATURE RANGE: intermittent: -40°C (-40°F) +150°C (+302°F); continuous service +125°C (+257°F) Max. temperature recommended for water base hydraulic fluids: +70°C (+158°F) Max. temperature recommended for air: +60°C (+140°F)

COUPLINGS: Balflex® Multicrimp fittings serie P25
NOTES: this hose is a high temperature hydraulic hose but cannot be used with phosphate-ester based oils, and cannot be used in aicrafts and compressors working with air at +60°C

BALFLEX // BRAKEMASTER R - HEATMASTER SAE 100R5 / SAE J1402 All - DOT - 135°C / 275°F - 3/16" - WP 20.7 MPa 3100 PSI - MSHA IC-252/00