

BRAKEMASTER R5



SAE 100R5 / SAE J1402 AII – 10.1007.

High pressure hydraulic hose with steel and textile braids reinforcement with rubber impregnated textile cover

REFERENCE	#	inch	SAE Dash	ID		OD		MPa		MIN BEND RAD		KG
				mm	mm	MPa	PSI	MPa	PSI	mm	kg/m	
R5-04	10.1007.04	3/16"	-4	4,8	13,2	20.7	3100	82.8	12400	76	0,19	
R5-05	10.1007.05	1/4"	-5	6,3	14,8	20.7	3100	82.8	12400	86	0,27	
R5-06	10.1007.06	5/16"	-6	8,0	17,2	15.5	2300	62.0	9200	102	0,29	
R5-08	10.1007.08	13/32"	-8	10,4	19,5	13.8	2100	55.2	8400	117	0,36	
R5-10	10.1007.10	1/2"	-10	12,7	23,4	12.1	1800	48.3	7200	140	0,45	
R5-12	10.1007.12	5/8"	-12	16,0	27,4	10.3	1500	41.4	6100	165	0,56	
R5-16	10.1007.16	7/8"	-16	22,2	31,4	5.5	800	22.1	3200	187	0,78	
R5-20	10.1007.20	1 1/8"	-20	28,6	38,1	4.3	630	17.2	2520	229	1,06	
R5-24	10.1007.24	1 3/8"	-24	34,9	44,5	3.4	500	13.8	2000	267	1,45	
R5-32	10.1007.32	1 13/16"	-32	46,0	56,4	2.4	350	9.7	1400	337	1,70	
R5-40	10.1007.40	2 3/8"	-40	60,3	73,0	2.4	350	9.7	1400	610	2,15	
R5-48	10.1007.48	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: impregnation of the outer textile braid with black, oil, weather and abrasion resistant synthetic rubber

TEMPERATURE RANGE: -40°C (-40°F) +100°C (+212°F); Intermittent service: +120°C (+248°F) Max. temperature recommended for water base hydraulic fluids: +70°C (+158°F) Max. temperature recommended for air: +60°C (+140°F)

SAFETY FACTOR: 4:1
APPLICATION: petroleum base hydraulic fluids
COUPLINGS: Balflex® Multicrimp fittings serie P25

AVAILABLE VERSIONS: High Temperature (Heatmaster) / Rubber Cover (Breakmaster R)

BALFLEX / BRAKEMASTER SAE 100R5 / SAE J1402 AII - DOT - 3/16" - WP 20.7 MPa 3100 PSI