

SAE 100R5R



Hydraulic

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius		Approx. Weight	
	inch	mm	inch	mm	psi	bar	inch	mm	lbs/ft	kg/m
R5RPM-4PM	3/16	5.0	0.51	13.0	3045	210	2.95	75	0.15	0.23
R5RPM-5PM	1/4	6.4	0.57	14.4	3045	210	3.35	85	0.17	0.26
R5RPM-6PM	5/16	7.9	0.68	17.2	2277	157	3.93	100	0.24	0.35
R5RPM-8PM	13/32	10.3	0.77	19.5	2030	140	4.52	115	0.27	0.40
R5RPM-10PM	1/2	12.7	0.92	23.4	1769	122	5.51	140	0.38	0.56
R5RPM-12PM	5/8	15.9	1.0	27.4	1523	105	6.49	165	0.44	0.66
R5RPM-16PM	7/8	22.2	1.23	31.4	812	56	7.28	185	0.45	0.67
R5RPM-20PM	1-1/8	28.7	1.5	38.1	624	43	9.0	230	0.54	0.80
R5RPM-24PM	1-3/8	34.9	1.5	44.5	508	35	10.43	265	0.72	1.07
R5RPM-32PM	1-13/16	46.0	1.75	56.5	348	24	13.2	335	0.99	1.48
R5RPM-40PM	2-3/8	60.0	2.87	73.0	348	24	21.0	610	1.41	2.10

Markets



Application:

Recommended for medium pressure hydraulic oil lines & meets SAE 100R5 specifications.

Construction:

Inner tube : NBR - Synthetic rubber
 Reinforcement : One fibre braid and one steel wire braid
 Outer Cover : SBR - Synthetic rubber

Temp. Range

- 40°C to +100°C
 (-40°F to +212°F)

Impulse Cycles:

Tested upto - 1,50,000 cycles

SAE 100R5C



Hydraulic

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius	
	inch	mm	inch	mm	psi	bar	inch	mm
R5CPM-4PM	3/16	5.0	0.51	13.0	3045	210	2.95	75
R5CPM-5PM	1/4	6.4	0.58	14.8	3045	210	3.4	85
R5CPM-6PM	5/16	8.0	0.68	17.2	2277	157	4.0	100
R5CPM-8PM	13/32	10.3	0.77	19.5	2030	140	4.6	115
R5CPM-10PM	1/2	12.7	0.92	23.4	1769	122	5.5	140
R5CPM-12PM	5/8	16.0	1.08	27.4	1523	105	6.5	165
R5CPM-16PM	7/8	22.2	1.23	31.4	812	56	7.3	185
R5CPM-20PM	1-1/8	29.0	1.50	38.1	624	43	9.0	230
R5CPM-24PM	1-3/8	35.0	1.75	44.5	508	35	10.5	265
R5CPM-32PM	1-13/16	46.0	2.22	56.4	348	24	13.2	335
R5CPM-40PM	2 -3/8	60.0	2.87	73.0	348	24	21.0	610

Markets



Application:

- Oil lubrication system in Railway diesel Engine.
- Purging operation in steel melting shop in Steel industries
- Petroleum base hydraulic fluids and lubricating oils.

Construction:

Inner Tube : NBR - Synthetic rubber
 Reinforcement : High tension steel wire braid
 Outer Cover : Fibre braid

Temp. Range

-40°C to +100°C
 (-40°F to +212°F)

