

SAE 100R5C High Temperature



Hydraulic

# Part Number	Hose I.D.		Hose O.D.		Working Pressure		Minimum Bend Radius	
	inch	mm	inch	mm	psi	bar	inch	mm
R5CPMHITEMP-4PM	3/16	5.0	0.51	13.0	3045	210	2.95	75
R5CPMHITEMP-5PM	1/4	6.4	0.58	14.8	3045	210	3.4	85
R5CPMHITEMP-6PM	5/16	8.0	0.68	17.2	2277	157	4.0	100
R5CPMHITEMP-8PM	13/32	10.3	0.77	19.5	2030	140	4.6	115
R5CPMHITEMP-10PM	1/2	12.7	0.92	23.4	1769	122	5.5	140
R5CPMHITEMP-12PM	5/8	16.0	1.08	27.4	1523	105	6.5	165
R5CPMHITEMP-16PM	7/8	22.2	1.23	31.4	812	56	7.3	185
R5CPMHITEMP-20PM	1-1/8	29.0	1.50	38.1	624	43	9.0	230
R5CPMHITEMP-24PM	1-3/8	35.0	1.75	44.5	508	35	10.5	265
R5CPMHITEMP-32PM	1-13/16	46.0	2.22	56.4	348	24	13.2	335
R5CPMHITEMP-40PM	2 -3/8	60.0	2.87	73.0	348	24	21.0	610

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 : CPE - Synthetic rubber
 Reinforcement : High tension steel wire braid
 Outer Cover : Fibre braid

Temp. Range

-40°C to +150°C
 (-40°F to +302°F)

Markets



Transportation



Railroad



Automotive

601PM / EN 854 R3



Hydraulic

# Part Number	Hose I.D.		Hose O.D. mm	Working Pressure		Minimum Bend Radius		Approx. Weight	
	inch	mm		psi	bar	inch	mm	lbs/ft	kg/m
601PM-4PM	1/4	6.4	14.3	1250	86	3.0	75	0.11	0.17
601PM-5PM	5/16	7.9	17.5	1200	83	4.0	100	0.16	0.24
601PM-6PM	3/8	9.5	19.0	1125	78	4.0	100	0.19	0.28
601PM-8PM	1/2	12.7	23.8	1000	69	4.9	125	0.32	0.47
601PM-10PM	5/8	15.9	27.0	875	60	5.5	140	0.37	0.55
601PM-12PM	3/4	19.0	31.8	750	52	5.9	150	0.42	0.63
601PM-16PM	1	25.4	38.1	565	39	8.0	205	0.57	0.85
601PM-20PM	1-1/4	31.8	44.5	375	26	9.8	250	0.74	1.10
*601PM-24PM	1-1/2	38.1	50.8	250	17	12.0	306	0.82	1.22
*601PM-32PM	2	50.8	64.0	215	15	16.1	410	0.91	1.35

* Proprietary

Application:

Recommended for hydraulic oil lines, heavy-duty transmission oil cooler lines.

Construction:

Inner tube : NBR - Synthetic rubber
 Reinforcement : Two fibre braids
 Outer Cover : SBR - Synthetic rubber

Temp. Range

- 40°C to +100°C
 (-40°F to +212°F)

Markets



Transportation



Construction



Grounds & Building Maintenance



Personnel Lift Equipment



Machine Tool



Waste & Refuse



Material Handling



Industrial