

451PM / TRI-K-FLEX

Hydraulic
SAE 100R17



# Part Number	Hose I.D.		Hose R.O.D	Hose O.D	Working Pressure		Minimum Bend Radius		Approx. Weight	
	inch	mm	mm	mm	psi	bar	inch	mm	lbs/ft	kg/m
451PM-4PM	1/4	6.4	10.2	12.2	3000	210	2.0	50	0.12	0.18
451PM-5PM	5/16	7.9	11.7	13.9	3000	210	2.1	55	0.13	0.20
451PM-6PM	3/8	9.5	13.8	15.8	3000	210	2.5	65	0.20	0.30
451PM-8PM	1/2	12.7	18.0	20.1	3000	210	3.5	90	0.31	0.46
451PM-10PM	5/8	15.9	22.1	23.9	3000	210	3.9	100	0.47	0.70
451PM-12PM	3/4	19.0	25.6	27.7	3000	210	4.7	120	0.60	0.90
451PM-16PM	1	25.4	34.6	37.6	3000	210	5.9	150	0.81	1.20

Markets



Application:

Petroleum base hydraulic fluids and lubricating oils.

Construction:

Inner tube : NBR - Synthetic rubber
Reinforcement : One or two braids steel wire
Outer Cover : SBR - Synthetic rubber

Temp. Range

- 40°C to +100°C
(-40°F to +212°F)

MH-174™

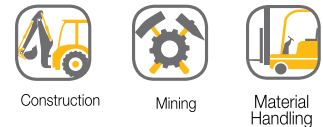
BCS 174-1992 Underground Mining



# Part Number	Hose I.D.		Hose R.O.D	Hose O.D	Working Pressure		Minimum Bend Radius		Approx. Weight	
	inch	mm	mm	mm	psi	bar	inch	mm	lbs/ft	kg/m
MH174PM-4PM	1/4	6.4	12.7	17.0	6525	450	4.0	100	0.31	0.46
MH174PM-6PM	3/8	9.5	17.0	21.1	5510	380	5.1	130	0.46	0.68
MH174PM-8PM	1/2	12.7	21.1	26.4	5250	362	5.9	150	0.64	0.95
MH174PM-10PM	5/8	15.9	24.5	29.8	4060	280	7.5	190	0.73	1.08
MH174PM-12PM	3/4	19.0	28.3	33.7	4000	276	9.0	230	0.97	1.45
MH174PM-16PM	1	25.4	35.3	40.7	3120	215	11.8	300	1.15	1.71
MH174PM-20PM	1-1/4	31.8	41.4	47.5	2495	172	15.0	380	1.61	2.40
MH174PM-24PM	1-1/2	38.1	48.0	54.1	2120	146	17.7	450	1.81	2.70
MH174PM-32PM	2	50.8	60.7	66.8	1625	112	23.6	600	2.35	3.50

* Conforms to British Coal 174-1992 specifications.

Markets



Application:

Recommended for medium-high pressure hydraulic oil lines & for underground mines applications.

Construction:

Inner tube : NBR - Synthetic rubber
Reinforcement : Two high tensile steel wire braids
Outer Cover : CR - Synthetic rubber, flame resistant

Temp. Range

- 40°C to +100°C (-40°F to +212°F)

Impulse Cycles:

Tested upto - 1,00,000 cycles @ 35 CPM.

