

Melbourne Hose

AND FITTINGS

POLYHOSE PH148 R7 MEDIUM PRESSURE HYDRAULIC HOSE

APPLICATION

1000 to 3000 PSI medium pressure hose suitable for Hydraulic applications. Has increased resistance to abrasion and is suitable for use with petroleum, synthetic and water based fluids along with air applications. Available as a twin hose and multi lines including different hose sizes. Special lengths made to order. SAE 100 R7 / DIN EN 855.



PRODUCT CODE	HOSE I.D. (Nom.)		HOSE O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Weight Per Metre	Min. Bend Radius
	(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(kg)	(mm)
M20-148-02-001	1/8	3.2	0.320	8.1	3000	210	12000	840	0.052	25
M20-148-03-001	3/16	4.8	0.405	10.3	3000	210	12000	840	0.073	25
M20-148-04-001	1/4	6.4	0.490	12.4	2750	190	11000	760	0.104	32
M20-148-05-001	5/16	8.0	0.560	14.2	2500	175	10000	700	0.129	45
M20-148-06-001	3/8	9.5	0.620	15.7	2250	155	9000	620	0.149	55
M20-148-08-001	1/2	12.7	0.760	19.3	2050	140	8200	560	0.208	77
M20-148-10-001	5/8	16.0	0.910	23.1	1500	105	6000	420	0.268	110
M20-148-12-001	3/4	19.0	1.040	26.4	1300	90	5200	360	0.324	140
M20-148-16-001	1	25.4	1.310	33.3	1000	70	4000	280	0.458	200
M20-148-20-001	1 1/4	31.8	1.654	42.0	1000	70	4000	280	0.670	300

CONSTRUCTION

Core:
Thermoplastic Elastomer.

Reinforcement:
1 braid of Synthetic fibre.

Cover:
Black Pin Pricked Polyurethane.

COIL SIZES:
Refer to price list for details.

TEMPERATURE RANGE:
-40°C to +100°C.
Temperature not to exceed
+ 70 °C for air and water
based fluids.

POLYHOSE PH151 R7 NON CONDUCTIVE MEDIUM PRESSURE HYDRAULIC HOSE

APPLICATION

1000 to 3000 PSI medium pressure hose suitable for Hydraulic applications. Has increased resistance to abrasion and is suitable for use with petroleum, synthetic and water based fluids along with air applications. Orange outer cover indicates non conductive applications. Special lengths made to order. SAE 100 R7 / DIN EN 855.



PRODUCT CODE	HOSE I.D. (Nom.)		HOSE O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Weight Per Metre	Min. Bend Radius
	(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(kg)	(mm)
M20-151-02-001	1/8	3.2	0.320	8.1	3000	210	12000	840	0.052	25
M20-151-03-001	3/16	4.8	0.405	10.3	3000	210	12000	840	0.073	25
M20-151-04-001	1/4	6.4	0.490	12.4	2750	190	11000	760	0.104	32
M20-151-05-001	5/16	8.0	0.560	14.2	2500	175	10000	700	0.129	45
M20-151-06-001	3/8	9.5	0.620	15.7	2250	155	9000	620	0.149	55
M20-151-08-001	1/2	12.7	0.760	19.3	2050	140	8200	560	0.208	77
M20-151-10-001	5/8	16.0	0.910	23.1	1500	105	6000	420	0.268	110
M20-151-12-001	3/4	19.0	1.040	26.4	1300	90	5200	360	0.324	140
M20-151-16-001	1	25.4	1.310	33.3	1000	70	4000	280	0.458	200

CONSTRUCTION

Core:
Thermoplastic Elastomer.

Reinforcement:
1 braid of Synthetic fibre.

Cover:
ORANGE Pin Pricked Polyurethane.

COIL SIZES:
100m.

TEMPERATURE RANGE:
-40°C to +100°C.
Temperature not to exceed
+ 70 °C for air and water
based fluids.

Melbourne Hose

AND FITTINGS

POLYHOSE PH149 R8 HIGH PRESSURE HYDRAULIC HOSE

APPLICATION

1500 to 6000 PSI high pressure hose suitable for Hydraulic applications. Has increased resistance to abrasion and is suitable for use with petroleum, synthetic and water based fluids along with air and certain industrial gas applications. Available as a twin hose and multi lines including different hose sizes. SAE 100 R8 / DIN EN 855.



PRODUCT CODE	HOSE I.D. (Nom.)		HOSE O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Weight Per Metre	Min. Bend Radius
	(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(kg)	(mm)
M20-149-02-001	1/8	3.2	0.320	8.1	6000	420	24000	1680	0.052	25
M20-149-03-001	3/16	4.8	0.405	10.3	5000	350	20000	1400	0.079	25
M20-149-04-001	1/4	6.4	0.490	12.4	5000	350	20000	1400	0.107	32
M20-149-05-001	5/16	8.0	0.560	14.2	4300	300	17200	1200	0.134	45
M20-149-06-001	3/8	9.5	0.620	15.7	4000	280	16000	1120	0.155	55
M20-149-08-001	1/2	12.7	0.760	19.3	3500	245	14000	980	0.199	77
M20-149-10-001	5/8	16.0	0.910	23.1	2900	200	11600	800	0.268	110
M20-149-12-001	3/4	19.0	1.040	26.4	2300	165	9200	660	0.338	140
M20-149-16-001	1	25.4	1.310	33.3	2000	140	8000	560	0.464	200
M20-149-20-001	1 1/4	31.8	1.654	42.0	1500	100	6000	400	0.685	350

CONSTRUCTION

Core:
Thermoplastic Elastomer.

Reinforcement:
1 or 2 braids of Aramid fibre.

Cover:
Black Pin Pricked Polyurethane.

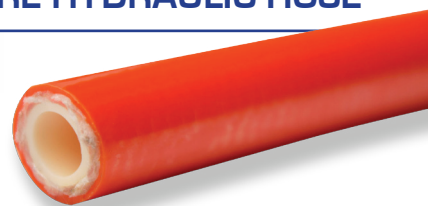
COIL SIZES:
100m
(Special lengths made to order)

TEMPERATURE RANGE:
-40°C to +100°C.
Temperature not to exceed
+ 70 °C for air and water
based fluids.

POLYHOSE PH152 R8 NON CONDUCTIVE HIGH PRESSURE HYDRAULIC HOSE

APPLICATION

1500 to 6000 PSI high pressure hose suitable for Hydraulic applications. Has increased resistance to abrasion and is suitable for use with petroleum, synthetic and water based fluids along with air and some industrial applications. Orange outer cover indicates non conductive applications. SAE 100 R8 / DIN EN 855.



PRODUCT CODE	HOSE I.D. (Nom.)		HOSE O.D. (Nom.)		Working Pressure		Min. Burst Pressure		Weight Per Metre	Min. Bend Radius
	(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(kg)	(mm)
M20-152-02-001	1/8	3.2	0.320	8.1	6000	420	24000	1680	0.052	25
M20-152-03-001	3/16	4.8	0.405	10.3	5000	350	20000	1400	0.079	25
M20-152-04-001	1/4	6.4	0.490	12.4	5000	350	20000	1400	0.107	32
M20-152-05-001	5/16	8.0	0.560	14.2	4300	300	17200	1200	0.134	45
M20-152-06-001	3/8	9.5	0.620	15.7	4000	280	16000	1120	0.155	55
M20-152-08-001	1/2	12.7	0.760	19.3	3500	245	14000	980	0.199	77
M20-152-10-001	5/8	16.0	0.910	23.1	2900	200	11600	800	0.268	110
M20-152-12-001	3/4	19.0	1.040	26.4	2300	165	9200	660	0.338	140
M20-152-16-001	1	25.4	1.310	33.3	2000	140	8000	560	0.464	200
M20-152-20-001	1 1/4	31.8	1.654	42.0	1500	100	6000	400	0.685	350

CONSTRUCTION

Core:
Thermoplastic Elastomer.

Reinforcement:
1 or 2 braids of Aramid fibre.

Cover:
ORANGE Pin Pricked Polyurethane.

COIL SIZES:
100m.
(Special lengths made to order)

TEMPERATURE RANGE:
-40°C to +100°C.
Temperature not to exceed
+ 70 °C for air and water
based fluids.