

# COOLING SYSTEM STRAIGHT MOULDED HOSE

## STRAIGHT HOSE

Mackay Universal Straight Hose is available in two specifications, one is suitable for water applications and the other is suitable for fuel and oil applications.

### STRAIGHT HOSE – WATER

The straight moulded water hoses are suitable for use with plain water and automotive coolant applications.

Manufactured using an electrochemical degradation (ECD) resistant EPDM rubber tube, lock-stitch knitted Rayon fibre reinforcement, with an EPDM rubber cover for heat, abrasion and ozone resistance.

The 19mm ID size Exceeds Heater Hose Specification SAE J20R3 Type EC Class D-1 and D-2

Sizes 22mm to 63mm ID Exceeds Radiator Hose Specification SAE J20R4 Type EC Class D-1 and Class D-2

Working Temperature Range: -40°C to 125°C (-40°F to 257°F)

**Caution:** Not suitable for fuel, oil transfer or brake fluid applications.



### STRAIGHT HOSE - WATER

ID mm	ID Inches	Part No.	Length	Maximum Working Pressure		SAE 20R3/R4 Minimum Burst Pressure	
19mm	3/8"	SHW19	1m	0.43 MPa	62 psi	1.72 MPa	249 psi
22mm	7/8"	SHW22	1m	0.24 MPa	35 psi	0.97 MPa	141 psi
25mm	1"	SHW25	1m				
28mm	1 1/8"	SHW28	1m	0.23 MPa	33 psi	0.90 MPa	131 psi
32mm	1 1/4"	SHW32	1m				
35mm	1 3/8"	SHW35	1m	0.21 MPa	30 psi	0.83 MPa	120 psi
38mm	1 1/2"	SHW38	1m				
41mm	1 5/8"	SHW41	1m	0.19 MPa	28 psi	0.76 MPa	110 psi
44mm	1 3/4"	SHW44	1m				
48mm	1 7/8"	SHW48	1m	0.17 MPa	25 psi	0.69 MPa	100 psi
51mm	2"	SHW51	1m				
54mm	2 1/8"	SHW54	1m	0.16 MPa	22 psi	0.62 MPa	90 psi
57mm	2 1/4"	SHW57	1m				
63mm	2 1/2"	SHW63	1m	0.14 MPa	20 psi	0.55 MPa	80 psi

### STRAIGHT HOSE - FUEL & OIL

The straight moulded fuel and oil hoses are suitable for fuel filler, turbo intercooler and low pressure fuel applications with leaded and unleaded petrol, Ethanol blended fuels up to E85, Diesel & Biodiesel fuels, lubricating oil as well as crankcase and fuel vapour applications.

Manufactured using an OE developed Nitrile/PVC (NBR/PVC) blended rubber for the tube and cover chosen for its Fuel, Oil and ozone resistance, with a knitted high tensile strength Para-Aramid fibre reinforcement for maximum burst resistance.

Exceeds Fuel Hose Specification SAE J30R6

Working Temperature Range -34°C to 100°C (-29°F to 212°F)

**ATTENTION:** Some sizes are non-stocked and made to order, minimum order quantities may apply.

**CAUTION:** Not suitable for coolant transfer, brake fluid or marine applications.

### STRAIGHT HOSE - FUEL & OIL

ID mm	ID Inches	Part No.	Length	SAE 30R6 Maximum Working Pressure		SAE 30R6 Minimum Burst Pressure	
25mm	1"	SHF25	1m	0.24 Mpa	35 psi	1.20 Mpa	175 psi
38mm	1 1/2"	SHF38	1m				
41mm	1 5/8"	SHF41	1m	0.11 MPa	16 psi	0.55 MPa	80 psi
51mm	2"	SHF51	1m				
54mm	2 1/8"	SHF54	1m				
57mm	2 1/4"	SHF57	1m				
63mm	2 1/2"	SHF63	1m				