

UNIVERSAL HOSE BENDS

Mackay 45° & 90° Universal Hose Bends are available in two specifications, one is suitable for water applications and the other is suitable for **fuel and oil** applications.

45° & 90° UNIVERSAL HOSE BENDS - WATER

The 45° & 90° moulded water hoses are suitable for plain water and automotive coolant applications.

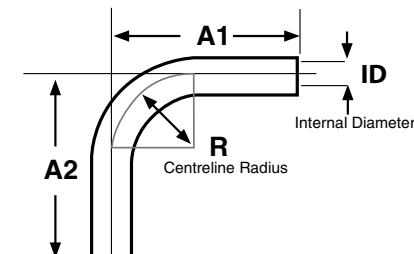
Manufactured using an electrochemical degradation (ECD) resistant EPDM rubber tube, lock-stitch knitted Rayon fibre reinforcement, with an EPDM rubber cover for heat and ozone resistance.

Sizes 8mm to 19mm ID Exceed Heater Hose Specification SAE J20R3 Type EC Class D-1 and D-2

Sizes 25mm to 63mm ID Exceed 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.



45° UNIVERSAL HOSE BENDS - WATER

ID mm	ID Inches	Part No.	Arm 1 Centerline Length A1	Arm 2 Centerline Length A2	Maximum Working Pressure		SAE 20R4 Minimum Burst Pressure	
25mm	1"	UHB25-300/45	300mm	300mm	0.24 MPa	35 psi	0.97 MPa	141 psi
31mm	1 ¼"	UHB31-300/45	300mm	300mm	0.23 MPa	33 psi	0.90 MPa	131 psi
38mm	1 ½"	UHB38-300/45	300mm	300mm	0.21 MPa	30 psi	0.83 MPa	120 psi
44mm	1 ¾"	UHB44-300/45	300mm	300mm	0.19 MPa	28 psi	0.76 MPa	110 psi
50mm	2"	UHB50-300/45	300mm	300mm	0.17 MPa	25 psi	0.69 MPa	100 psi
57mm	2 ¼"	UHB57-300/45	300mm	300mm	0.16 MPa	22 psi	0.62 MPa	90 psi
63mm	2 ½"	UHB63-300/45	300mm	300mm	0.14 MPa	20 psi	0.55 MPa	80 psi

90° UNIVERSAL HOSE BENDS - WATER

ID mm	ID Inches	Part No.	Arm 1 Centerline Length A1	Arm 2 Centerline Length A2	Centreline Radius R	Maximum Working Pressure		SAE 20R3/R4 Minimum Burst Pressure	
8mm	5/16"	UHB8-300	300mm	300mm	50mm	0.43 MPa	62 psi	1.72 MPa	249 psi
		UHB8-300X500	300mm	500mm					
10mm	3/8"	UHB10-300	300mm	300mm	50mm	0.43 MPa	62 psi	1.72 MPa	249 psi
		UHB10-300X500	300mm	500mm					
13mm	1/2"	UHB13	105mm	105mm	50mm	0.43 MPa	62 psi	1.72 MPa	249 psi
		UHB13-300	300mm	300mm					
		UHB13-300X500	300mm	500mm					
16mm	5/8"	UHB16	105mm	105mm	50mm	0.43 MPa	62 psi	1.72 MPa	249 psi
		UHB16-300	300mm	300mm					
		UHB16-300X500	300mm	500mm					
19mm	¾"	UHB19	105mm	105mm	50mm	0.35 MPa	51 psi	1.38 MPa	200 psi
		UHB19-300	300mm	300mm					
		UHB19-300X500	300mm	500mm					
25mm	1"	UHB25	105mm	105mm	50mm	0.24 MPa	35 psi	0.97 MPa	141 psi
		UHB25-300	300mm	300mm					
		UHB25-300X500	300mm	500mm					
31mm	1 ¼"	UHB31	120mm	120mm	60mm	0.23 MPa	33 psi	0.90 MPa	131 psi
		UHB31-300	300mm	300mm					
		UHB31-300X500	300mm	500mm					
38mm	1 ½"	UHB38	120mm	120mm	60mm	0.21 MPa	30 psi	0.83 MPa	120 psi
		UHB38-300	300mm	300mm					
		UHB38-300X500	300mm	500mm					
44mm	1 ¾"	UHB44	140mm	140mm	70mm	0.19 MPa	28 psi	0.76 MPa	110 psi
		UHB44-300	300mm	300mm					
		UHB44-300X500	300mm	500mm					
50mm	2"	UHB50	140mm	140mm	70mm	0.17 MPa	25 psi	0.69 MPa	100 psi
		UHB50-300	300mm	300mm					
		UHB50-300X500	300mm	500mm					
57mm	2 ¼"	UHB57	170mm	170mm	85mm	0.16 MPa	22 psi	0.62 MPa	90 psi
		UHB57-300	300mm	300mm					
		UHB57-300X500	300mm	500mm					
63mm	2 ½"	UHB63	170mm	170mm	95mm	0.14 MPa	20 psi	0.55 MPa	80 psi
		UHB63-300	300mm	300mm					
		UHB63-300X500	300mm	500mm					