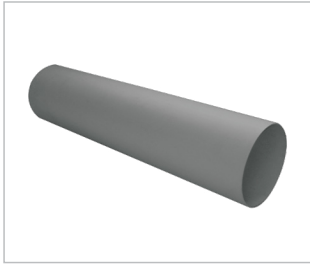


Ducting diameter – 100mmØ



Rigid PVC round ducting delivers a durable, efficient, and cost-effective solution for modern airflow systems. Available in a wide range of diameters and lengths to suit any installation, this robust circular pipe ensures smooth air movement with minimal resistance, improving overall system performance. Its lightweight yet sturdy construction makes it easy to handle on-site, while the corrosion-resistant PVC material guarantees long-term reliability in both residential and commercial environments. Making ventilation sustainable is our main aim through continuously improving our processes to reduce waste throughout our products' lifecycle and significantly increasing the use of recycled plastic from the circular economy in the manufacturing of our products.

Ducting Dimension:	100mmØ
Warranty:	3yr
Material:	100% Recycled Rigid PVC
Free Area:	7,855mm ²
Operating Temperatures:	-15°C to +60°C
Ducting Colour:	Grey

Uninsulated Duct Lengths

Cat. No.	Length (mm)	
41350	350	
41500	500	
41900	1000	
41915	1500	
42000	2000	

Insulated Duct Lengths

IJRP41915	1500	
IJRP42000	2000	

Resistance (Pa) at flow rate

Cat. No.	8 l/s	13 l/s	21 l/s	29 l/s	37 l/s	45 l/s	53 l/s	61 l/s
40300	3	8	17.7	33	49.9	74.5	101	137
54400	2.9	7.1	15.1	28	45.1	68.1	92.2	118
40700	1.2	4.3	8.4	20	30.2	43	62	88
40710	1.2	4.3	8.4	20	30.2	43	62	88
40701	1.2	4.2	8.3	19.8	29.9	42	60	86
55710	1.0	1.96	3.2	4.9	6.7	8.7	11.2	14.5

Associated Connectors

Type	Cat. No.	Detail		
Bends/ Connectors	44900	90 Degree Bend Round Ducting 100mm		
	IJB44900	90 Degree Bend Round Ducting Insulated 100mm		
	44450	45 Degree Bend Round Ducting 100mm		
	IJB44450	45 Degree Bend Round Ducting Insulated 100mm		
	414C	100mm PVC Round Pipe Connector		
	414CD	100mm PVC Round Pipe Connector with Damper		
	4124M	Round Ducting Threaded Hose Connector 100mm Male		
	4126F	Round Ducting Threaded Hose Connector 100mm Female		
	44920	Round Ducting T-Piece PVC 100mm		
	IJTP44920	Insulated Round Ducting T-Piece 100mm		
	44950	PVC Round Ducting Y-Piece 100mm		
	Adaptors	40300	90 Degree Elbow Bend 110 x 54mm to 100mm Female	
		40400	90 Degree Elbow Bend 110 x 54mm to 100mm Male	
		54400	90 Degree Elbow Bend 204 x 60mm to 100mm	
40700		Short Round to Rectangular Duct Adaptor 100mm to 110 x 54mm Female		
40710		Short Round to Rectangular Duct Adaptor 100mm to 110 x 54mm Male		
40701		Round to Rectangular Duct Adaptor 100mm to 110 x 54mm		
55710		Round to Rectangular Duct Adaptor 100mm to 204 x 60mm		
54544		Low Profile Offset Round Duct Reducer 125mm to 100mm		
64619		Round Duct Reducer 150mm to 100mm		
1640		Plenum Cooker Hood/Fan Connector 225 x 25mm to 100mm		
40725		Round to Rectangular Duct Adaptor 100mm to 225 x 25mm		
Duct Support	60954	Double Airbrick Adaptor to Round Duct 100, 125 or 150mm		
	TPIPE4	Round Ducting Telescopic Assembly 100mm Variable 250 - 450mm Length		
	SPIPE4	Round Sleeve Ducting 100mm 1000mm Length		
	40420	100mm Round PVC Pipe Clip		
	1100	Metal Worm Drive Clamp 50mm - 100mm		

KEY: Connector = Female Male

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Terminations

Ancillaries

Kits

Fire Solutions

Available ducting sizes

(a) Storage of Ducting Products: All straight duct lengths are supplied either wrapped or within boxes, surrounded with white protective packaging to help mitigate damaging effects of sunlight exposure. Do not remove the white reflective packaging and leave in sunlight. UV exposure breaks down the polymer chains, resulting in a weaker molecular bond within the PVC, leading to reduced tensile strength and flexibility. On receipt of goods, we recommend all PVC ducting products are immediately stored in a cool, shaded place to avoid damage due to heat build-up within the packaging. Any extrusions (lengths of product) should be stored horizontally and supported along the whole length of the product. In summer months, heat can build up inside packaging faster and there is a chance that PVC goods could become warped if stored incorrectly. Manrose will not be liable for any damage caused to ducting or PVC products through incorrect storage. This part comes in Grey. Whilst we will look to maintain the colour of Grey, by the nature of adopting a recycled plastic the colour and shade may vary at any given time.

MANROSE®