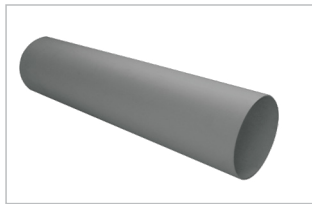


Ducting diameter – 100mmØ



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

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.

Type	Detail	Cat. No.	H (mm)	W (mm)	D (mm)	Resistance (Pa) at flow rate		
						15l/s	30l/s	60l/s
Pipe Length	L350mm	41350	104	104	350	0.17	0.5	1.1
	L500mm	41500	104	104	500	0.25	0.7	1.55
	L1m	41900	104	104	1000	0.5	1.4	3.1
	L1.5m	41915	104	104	1500	0.75	2.1	4.65
	L1.5m Insulated	IJRP41915	134	134	1500	0.75	2.1	4.65
	L2m	42000	104	104	2000	1	2.8	6.2
	L2m Insulated	IJRP42000	134	134	2000	1	2.8	6.2
Bends/ Connectors	90° Bend	44900	137	137	101	5.6	21.1	80.1
	90° Bend Insulated	IJB44900	167	167	101	5.6	21.1	80.1
	45° Bend	44450	160	140	101	2.1	8.2	31.4
	45° Bend Insulated	IJB44450	160	140	101	2.1	8.2	31.4
	T-Piece	44920	190	150	102	varies on install		
	T-Piece Insulated	IJTP44920	190	150	102	varies on install		
	Y-Piece	44950	150	170	102	varies on install		
	Connector	414C	105	105	60	0.9	4.2	20.4
	Connector with Damper	414CD	145	145	60	25	44.9	101.6
	Elbow 90° Bend to 110x54mm Female	40300	79	117	141	8.1	33.1	136.4
Adaptors	Elbow 90° Bend to 110x54mm Male	40400	79	117	141	8.1	33.1	136.4
	Elbow 90° Bend to 110x54mm	54400	-	-	-	-	-	-
	Elbow 90° Bend to 110x54mm Male	60941	-	-	-	-	-	-
	Straight Adaptor to 110x54mm	40701	104	114	65	3.7	14.6	58
	Straight Adaptor to 204x60mm	55710	-	-	-	-	-	-
	Short Straight Adaptor to 110x54mm Female	40700	104	114	118	4.8	20.4	86.2
	Short Straight Adaptor to 110x54mm Male	40710	107	114	118	4.8	20.4	86.2
Adaptors	Offset Reducer to 125mm	54544						
	Reducer to 125mm	54119						
	Reducer to 150mm	64619						
	Reducer to 110mm	40419						
	Plenum Cooker Hood/Fan Connector to 225x25mm	1640						
	Adaptor to 225x25mm	40725						
	Double Airbrick Adaptor	60954						
Other Connectors	Telescopic Assembly 250 - 450mm Length	TPIPE4						
	Round Sleeve 1000mm Length	SPIPE4						
	Threaded Hose Connector Male	4124M						
Support	Threaded Hose Connector Female	4126F						
	PVC Clip	40420						
	Metal Worm Drive Clamp	1100						
	Through Wall Plate	41140						

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®

