

# Ducting length - 110 x 54mm



Rigid PVC ventilation ducting delivers a durable, efficient, and cost-effective solution for modern airflow systems. Available in a wide range of lengths to suit any installation, this robust ducting 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.

<b>Ducting Dimension:</b>	110 x 54mm
<b>Warranty:</b>	3yr
<b>Material:</b>	100% Recycled Rigid PVC
<b>Free Area:</b>	5,346mm <sup>2</sup>
<b>Operating Temperatures:</b>	-15°C to +60°C
<b>Ducting Colour:</b>	Grey

## Uninsulated Lengths

Cat. No.	Length (mm)	Weight (kg)
40100	1000	0.833
40150	1500	1.2495
44020	2000	1.666

## 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
40100	0.8	1.6	3.5	6.0	9.2	13.1	17.1	21.1
40150	1.2	2.4	5.3	9.1	13.9	19.8	25.9	32
40500	2.3	9.9	21	38	64	93	124	162
40600	3.3	15.5	36	61	96	138	190	253
40200	<1	<1	1.1	1.4	2.2	3.4	4.8	6.4
40270	16	17.5	19.5	22	25.5	30.5	36	42
40300	3	8	17.7	33	49.9	74.5	101	137
40400	3	8	17.7	33	49.9	74.5	101	137
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

## Associated Connectors

Type	Cat. No.	Detail
Bends/ Connectors	40500	Rectangular Horizontal 90 Degree Bend 110 x 54mm
	40450	Rectangular Horizontal 90 Degree Bend 110 x 54mm
	40600	Rectangular Vertical 90 Degree Bend 110 x 54mm
	40045	Rectangular Vertical 45 Degree Bend 110 x 54mm
	40080	Rectangular Horizontal T-Piece 110 x 54mm
	40200	Rectangular Duct Connector 110 x 54mm
	40270	Rectangular Duct Connector 110 x 54mm with Damper
	40300	90 Degree Elbow Bend 110 x 54mm to 100mm Female
	40400	90 Degree Elbow Bend 110 x 54mm to 100mm Male
	Adaptors	40700
40710		Short Round to Rectangular Duct Adaptor 100mm to 110 x 54mm Male
40701		Round to Rectangular Duct Adaptor 100mm to 110 x 54mm
40770		Slimline Airbrick Adaptor 110 x 54mm
Duct Support	41220	Rectangular Duct Clip 110 x 54mm

KEY: Connector = Female Male

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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.

