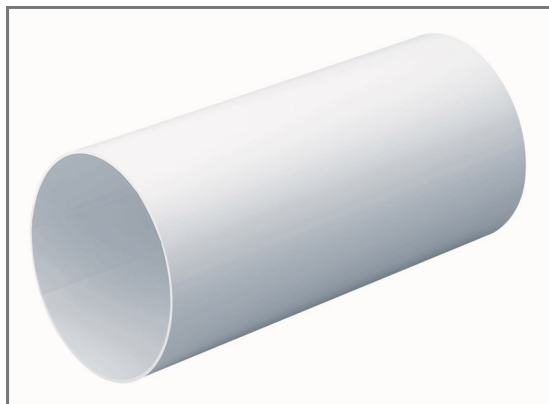


Ducting Systems

Round/Circular PVC Pipe

4"/100mm ϕ

Ducting Systems



Key Features

Round Pipe Ducting Systems are the least resistant, due to the way the duct handles back-pressure. Ideal for fans, cooker hoods, whole-house ventilation systems and stack ventilation. Suitable for long duct runs where space is not an issue. Made from flame retardant materials.

Round Pipe Lengths: Female

Accessories and Bends: Male

Maximum Operating Temperature: 60°C

Material: uPVC

Lengths and Accessories

Product	Category No.	Product Type	Maximum Height (mm)	Maximum Width (mm)	Maximum Depth (mm)	Pressure loss at 15l/s (Pa)	Pressure loss at 30l/s (Pa)	Pressure loss at 60l/s (Pa)
Rigid Round Pipe Length	41350	100mm ϕ — L350mm	104	104	350	0.17	0.5	1.1
Rigid Round Pipe Length	41500	100mm ϕ — L500mm	104	104	500	0.25	0.7	1.55
Rigid Round Pipe Length	41900	100mm ϕ — L1m	104	104	1000	0.5	1.4	3.1
Rigid Round Pipe Length	41915	100mm ϕ — L1.5m	104	104	1500	0.75	2.1	4.65
Rigid Round Pipe Length	42000	100mm ϕ — L2m	104	104	2000	1	2.8	6.2
Pipe Channel Connector	414C	100mm ϕ	105	105	60	0.9	4.2	20.4
90° Bend	44900	100mm ϕ	137	137	101	5.6	21.1	80.1
45° Bend	44450	100mm ϕ	160	140	101	2.1	8.2	31.4
T-Piece	44920	100mm ϕ	190	150	102	- varies	- on -	install -
Y-Piece	44950	100mm ϕ	150	170	102	- varies	- on -	install -
Connector with Damper	414CD	100mm ϕ	145	145	60	25	44.9	101.6
Through Wall Plate	41140	100mm ϕ — 154x154mm	154	154	3	-	-	-
Elbow/Plenum 90° Bend	40300	100mm ϕ — 110x54mm	79	117	141	8.1	33.1	136.4
Straight Adaptor	40701	100mm ϕ — 110x54mm	104	114	65	3.7	14.6	58
Short Straight Adaptor	40700	100mm ϕ — 110x54mm — Female	104	114	118	4.8	20.4	86.2
Short Straight Adaptor	40710	100mm ϕ — 110x54mm — Male	107	114	118	4.8	20.4	86.2
Flexible Hose	101025	100mm ϕ — L1m	110	110	1000	-	not	discernible
Flexible Hose	1020	100mm ϕ — L3m	110	110	3000	-	not	discernible
Flexible Hose	1024	100mm ϕ — L6m	110	110	5000	-	not	discernible
Flexible Hose	10415	100mm ϕ — L15m	110	110	6000	-	not	discernible
Flexible Hose	1023	100mm ϕ — L45m	110	110	45000	-	not	discernible