

Rigid PVC Injection Moulded Pressure Fittings

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Coupler	20	½	10	These are used for joining two uPVC Pipes.
	25	¾	10	
	32	1	10	
	40	1¼	6	Fabricated couplers are available in 20mm to 400mm size in different pressure ratings.
	50	1½	6	
	63	2	6	
	75	2½	6	
	90	3	6	
	110	4	6	
160	6	6		

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Male Threaded Adaptor (M.T.A.)	20	½	10	These are used to connect at uPVC pipe line directly to a female threaded metal pipe and all types of valves, taps, pumps etc. through a male portion of uPVC threaded adaptor
	25	¾	10	
	32	1	10	
	40	1¼	6	
	50	1½	6	
	63	2	6	
	75	2½	6	
	90	3	6	
	110	4	6	
	140	5	6	
	160	6	6	

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Equal Tee	20	½	10	These are used for by pass and taking equal size service line out of main line at 90°
	25	¾	6, 10	
	32	1	6, 10	
	40	1¼	6	In 20, 63, 75mm sizes tee with branch size threaded are also available.
	50	1½	4, 6	
	63	2	3.25, 4, 6	
	75	2½	3.25, 4, 6	
	90	3	3.25, 4, 6	
	110	4	3.25, 4, 6	
	140	5	4, 6	
	160	6	4, 6	
200	8	4		

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Reducing Female Threaded Adaptor (R.F.T.A.)	25 x 20	¾ x ½	10	These are used to connect a uPVC Pipe line directly to a metal pipe of lower diameter or vice-versa.
	32 x 20	1 x ½	10	
	32 x 25	1 x ¾	10	
	75 x 63	2½ x 2	6	
	90 x 63	3 x 2	6	
	90 x 75	3 x 2½	6	
	110 x 90	4 x 3	6	

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Elbow 90°	20	½	10	These are used for short turns of 90°. These are not advisable on large diameter pipes as it restricts the flow and increase the friction.
	25	¾	6, 10	
	32	1	6, 10	
	40	1¼	6	Reducing elbow 32 x 25mm is available. 20mm, 15mm, 63mm & 75mm elbow with one side threaded (1/2" BSP) are also available in 50 & 63mm sizes elbow 45° are available.
	50	1½	4, 6	
	63	2	3.25, 4, 6	
	75	2½	3.25, 4, 6	
	90	3	3.25, 4, 6	
	110	4	3.25, 4, 6	
	140	5	4	
	160	6	3.25	
200	8	4		

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Female Threaded Adaptor (F.T.A.)	20	½	10	These are used to connect at uPVC pipe line directly to a male threaded metal pipe.
	25	¾	10	
	32	1	10	
	40	1¼	6	
	50	1½	6	
	63	2	6	
	75	2½	6	
	90	3	6	
	110	4	6	
	160	6	6	

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Reducing Tee	25 x 20	¾ x ½	10	These are used for by pass and taking lower diameter service line out of mainline. In 25 x 20mm size branch side 20mm threaded is also available
	32 x 20	1 x ½	10	
	32 x 25	1 x ¾	10	
	50 x 32	1½ x 1	6	
	75 x 63	2½ x 2	4	
	90 x 63	3 x 2	4	
	90 x 75	3 x 2½	4	
	110 x 75	4 x 2½	4	
	110 x 90	4 x 3	4	
	160 x 75	6 x 2½	4	
160 x 110	6 x 4	4		

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Tail Piece	63	2	6	These are used for connecting an air release valve/water fill way valve (C.I./M.S. etc) and any other flanged fitting (like strainer) Non-return valve, pumps etc. PVC flange in 63, 75, 90, 110mm sizes are also available.
	75	2½	6	
	90	3	6	
	110	4	6	
	140	5	6	
	160	6	6	
200	8	6		

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Reducing Male Threaded Adaptor (R.M.T.A.)	75 x 63	2½ x 2	6	These are used to connect a uPVC pipe line directly to a metal pipe of lower diameter or vice versa.
	90 x 63	3 x 2	6	
	90 x 75	3 x 2½	6	

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Service Saddle	40	1¼	6	<p>These are used taping the large service main line into small feeder line for household purposes, and for connecting air release valves.</p> <p>Outlets of 20mm (¾"), 25mm (¾"), or 32mm (1") either plain or threaded offered with nut bolts and neoprene gasket.</p> <p>In 200mm size Service Saddles are provided with 32mm (1"), 40mm (1¼"), 50mm (1½") & 63mm (2") threaded outlets.</p>
	50	1½	6	
	63	2	3.25, 6	
	75	2½	3.25, 6	
	90	3	3.25, 6	
	110	4	6	
	140	5	6	
	160	6	6	
200	8	6		

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Reducer Single Stage	25 x 20	¾ x ½	10	<p>These are used to convert the service line, into a small line.</p>
	32 x 20	1 x ½	10	
	40 x 25	1¼ x ¾	6	
	50 x 40	1½ x 1¼	6	
	63 x 50	2 x 1½	6	
	75 x 63	2½ x 2	6	
	90 x 75	3 x 2½	6	
	110 x 90	4 x 3	6	
	140 x 110	5 x 4	4, 6	
	160 x 140	6 x 5	6	

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
End Cap Plain	20	½	10	<p>These are used to close the end of pipe line.</p>
	25	¾	10	
	32	1	10	
	40	1¼	6	<p>Threaded End Caps (inside threads) (BSP Threads) are available in 20, 25, 32, 40, 50, 63, 75, 90 & 110mm sizes.</p>
	50	1½	6	
	63	2	4, 6	
	75	2½	4, 6	
	90	3	4, 6	
	110	4	4, 6	
	140	5	4	
	160	6	6	
	180	7	6	
	200	8	6	

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Reducer Double Stage	32 x 20	1 x ½	10	These are used to convert the service line flow in extra small line.
	40 x 25	1¼ x ¾	6	
	50 x 32	2 x 1	6	
	63 x 50	2 x 1¼	6	
	75 x 50	2½ x 1½	6	
	90 x 63	3 x 2	6	
	110 x 75	4 x 2½	6	
	140 x 90	5 x 3	4	
	160 x 110	6 x 4	4, 6	
	200 x 160	8 x 6	4, 6	

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
End Cap Threaded	20	½	10	These are used to close the end of pipe line. Threaded End Caps (inside threads) (BSP Threads) are available in 20, 25, 32, 40, 50, 63, 75, 90 & 110mm sizes.
	25	¾	10	
	32	1	10	
	40	1¼	6	
	50	1½	6	
	63	2	4, 6	
	75	2½	4, 6	
	90	3	4, 6	
	110	4	4, 6	
	140	5	4	
	160	6	6	
	180	7	6	
	200	8	6	

Products	Size ID in mm	Inch equivalent	Available Pressure Class (PN)	Applications / Special Note
Reducer Triple Stage	63 x 32	2 x 1	6	These are used to convert the large diameter service line directly to a smaller diameter line.
	75 x 40	2½ x 1¼	6	
	90 x 50	3 x 1½	6	
	110 x 63	4 x 2	6	
	140 x 75	5 x 2½	4	
	160 x 90	6 x 3	4	
	200 x 110	8 x 4	4, 6	

Salient Features:

General Dimensions conforming to IS 7834-87.

Wall thickness is designed to meet required working pressure.

Made to close dimensional tolerance.

Wide range for different applications.

Higher working pressure rating of 10 kgf/cm² for 20, 25 & 32mm & 6 kgf/cm² for 40mm & above sizes.