

FINOLEX
PIPES & FITTINGS



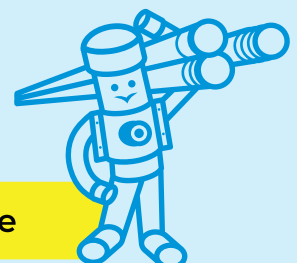
AGRICULTURE PIPES & FITTINGS

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AGRICULTURE PIPES & FITTINGS

AGRICULTURE

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FINOLEX PIPES & FITTINGS

A PREMIUM SOLUTION

Finolex offers an extensive range of agriculture PVC-U pressure pipes and fittings. These pipes and fittings are designed for varied pressure and gravity flow applications, including agriculture, irrigation, swimming pools, and domestic use such as potable water supply. Finolex agriculture PVC-U pressure pipes offer significant advantages over conventional C.I. D.I and R.C.C pipes. They are light in weight, easy to transport and install and have a high flow rate. High resistance to chemicals and corrosion ensures an extended product life.

QUALITY ASSURANCE AND RELIABILITY

Stringent quality assurance approach by Finolex across all stages of manufacturing gives the product a high reliability, making the agriculture PVC-U pressure pipes one of the preferred choices for farmers, government institutions, domestic and commercial establishments and quality-conscious people across the country.

PIPE & FITTINGS SPECIFICATIONS AND AVAILABILITY

Finolex agriculture PVC-U pipes are manufactured in a wide range of sizes and pressure classes conforming to standard IS 4985:2021. These pipes are available in sizes ranging from 20 mm to 400 mm in different pressure classes. They are available in two types of joints, Selfit (solvent cement joint) and Ringfit (rubber ring joint). In addition, Finolex also offers a wide range of precision-molded fittings, manufactured as per IS 7834, available in sizes from 20 mm to 200 mm, ensuring reliable solutions as per the IS 7834 standards.

PVC-U AGRICULTURE - SELFIT PIPE

Conforming to IS 4985

The Selfit pipe features a self-socketed end and a plain end. When these ends are fitted together and secured with solvent cement, they form a snug fit that eliminates the need for couplers.

DIMENSIONS OF SELFIT PVC-U PIPES

Conforming to IS 4985

Nominal Outside Diameter (Nominal Size in mm)	Nominal Outside Diameter (Nominal Size in Inch)	Mean Outside Diameter (in mm)		Outside Diameter at Any Point ¹ (in mm)		Wall Thickness in mm																		Standard Pipe Length in Meters
						Class 1 0.25 MPa			Class 2 0.40 MPa			Class 3 0.60 MPa			Class 4 0.80 MPa			Class 5 1.00 MPa			Class 6 1.25 MPa			
		Min	Max	Min	Max	Avg Max	Min	Max	Avg Max	Min	Max	Avg Max	Min	Max	Avg Max	Min	Max	Avg Max	Min	Max	Avg Max	Min	Max	
20	1/2"	20.0	20.3	19.5	20.5	-	-	-	-	-	-	-	-	-	-	-	-	1.5	1.1	1.5	1.8	1.4	1.8	3,5,6
25	3/4"	25.0	25.3	24.5	25.5	-	-	-	-	-	-	-	-	-	1.6	1.2	1.6	1.8	1.4	1.8	2.1	1.7	2.1	3,5,6
32	1"	32.0	32.3	31.5	32.5	-	-	-	-	-	-	-	-	-	1.9	1.5	1.9	2.2	1.8	2.2	2.7	2.2	2.7	3,5,6
40	1¼"	40.0	40.3	39.5	40.5	-	-	-	-	-	-	1.8	1.4	1.8	2.2	1.8	2.2	2.7	2.2	2.7	3.3	2.8	3.3	3,5,6
50	1½"	50.0	50.3	49.4	50.6	-	-	-	-	-	-	2.1	1.7	2.1	2.8	2.3	2.8	3.3	2.8	3.3	4.0	3.4	4.0	3,5,6
63	2"	63.0	63.3	62.2	63.8	-	-	-	1.9	1.5	1.9	2.7	2.2	2.7	3.3	2.8	3.3	4.1	3.5	4.1	5.0	4.3	5.0	3,5,6
75	2½"	75.0	75.3	74.1	75.9	-	-	-	2.2	1.8	2.2	3.1	2.6	3.1	4.0	3.4	4.0	4.9	4.2	4.9	5.9	5.1	5.9	3,5,6
90	3"	90.0	90.3	88.9	91.1	1.7	1.3	1.7	2.6	2.1	2.6	3.7	3.1	3.7	4.6	4.0	4.6	5.7	5.0	5.7	7.0	6.1	7.1	5,6
110	4"	110.0	110.4	108.6	111.4	2.0	1.6	2.0	3.0	2.5	3.0	4.3	3.7	4.3	5.6	4.9	5.6	7.0	6.1	7.1	8.5	7.5	8.7	3,5,6
125	4½"	125.0	125.4	123.5	126.5	2.2	1.8	2.2	3.4	2.9	3.4	5.0	4.3	5.0	6.4	5.6	6.4	7.8	6.9	8.0	9.6	8.5	9.8	6
140	5"	140.0	140.5	138.3	141.7	2.4	2.0	2.4	3.8	3.2	3.8	5.5	4.8	5.5	7.2	6.3	7.3	8.7	7.7	8.9	10.7	9.5	11.0	3,6
160	6"	160.0	160.5	158.0	162.0	2.8	2.3	2.8	4.3	3.7	4.3	6.2	5.4	6.2	8.2	7.2	8.3	9.9	8.8	10.2	12.2	10.9	12.6	3,6
180	7"	180.0	180.6	177.8	182.2	3.1	2.6	3.1	4.9	4.2	4.9	7.0	6.1	7.1	9.0	8.0	9.2	11.1	9.9	11.4	-	-	-	3,6
200	8"	200.0	200.6	197.6	202.4	3.4	2.9	3.4	5.3	4.6	5.3	7.7	6.8	7.9	10.0	8.9	10.3	12.3	11.0	12.7	-	-	-	3,6
225	9"	225.0	225.7	222.3	227.7	3.9	3.3	3.9	6.0	5.2	6.0	8.6	7.6	8.8	11.2	10.0	11.5	13.9	12.4	14.3	-	-	-	6
250	10"	250.0	250.8	247.0	253.0	4.2	3.6	4.2	6.5	5.7	6.5	9.6	8.5	9.8	12.6	11.2	12.9	15.4	13.8	15.9	-	-	-	3,6
280	11"	280.0	280.9	276.6	283.4	4.8	4.1	4.8	7.3	6.4	7.4	10.7	9.5	11.0	14.0	12.5	14.4	17.2	15.4	17.8	-	-	-	6
315	12"	315.0	316.0	311.2	318.8	5.3	4.6	5.3	8.2	7.2	8.3	12.0	10.7	12.4	15.6	14.0	16.1	19.3	17.3	19.9	-	-	-	3,6
355	14"	355.0	356.1	350.7	359.3	5.9	5.1	5.9	9.2	8.1	9.4	13.4	12.0	13.8	17.6	15.8	18.2	21.8	19.6	22.6	-	-	-	6
400	16"	400.0	401.2	395.2	404.8	6.6	5.8	6.7	10.3	9.1	10.5	15.1	13.5	15.6	19.8	17.8	20.5	24.4	22.0	25.3	-	-	-	6

Conforming to IS 4985

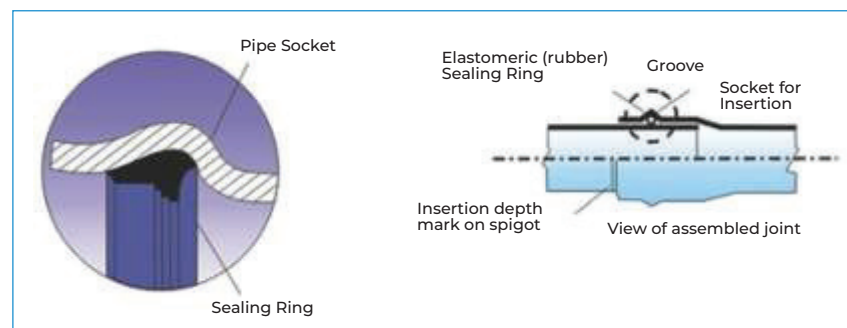
Our pipes and fittings are recommended for water temperatures ranging from 1°C to 45°C. Occasional rise in temperatures in the summer with concurrent reduction in temperature during nights has no adverse effect on the working pressure of pipes.

PVC-U AGRICULTURE - RINGFIT PIPE

Conforming to IS 4985

Finolex Industries introduced this unique range of PVC-U pipes for the first time in India. These pipes are especially designed for higher diameter requirements and eliminate the need for the use of solvent cement. The range includes sizes from 63 mm to 400 mm diameter; in 2.5,4,6,8,10 and 12.5 kgf/cm² working pressure classes.

VIEW OF ASSEMBLED JOINT



DIMENSIONS OF RINGFIT PVC-U PIPES

Conforming to IS 4985

Nominal Outside Diameter in mm	Nominal Outside Diameter in inch	Mean Outside Diameter in mm		Wall Thickness in mm (t)												Standard Pipe Length in Meters
				Class 1 0.25 MPa		Class 2 0.4 MPa		Class 3 0.6 MPa		Class 4 0.8 MPa		Class 5 1.0 MPa		Class 6 1.25 MPa		
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
63	2"	63.0	63.3	-	-	1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1	4.3	5.0	6
75	2½"	75.0	75.3	-	-	-	-	2.6	3.1	-	-	-	-	-	-	3
75	2½"	75.0	75.3	-	-	1.8	2.2	2.6	3.1	3.4	4.0	4.2	4.9	5.1	5.9	6
90	3"	90.0	90.3	-	-	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7	6.1	7.1	6
110	4"	110.0	110.4	-	-	-	-	3.7	4.3	-	-	-	-	-	-	3
110	4"	110.0	110.4	-	-	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1	7.5	8.7	6
125	4½"	125.0	125.4	-	-	2.9	3.4	4.3	5.0	5.6	6.4	6.9	8.0	8.5	9.8	6
140	5"	140.0	140.5	-	-	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9	9.5	11.0	6
160	6"	160.0	160.5	-	-	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2	10.9	12.6	6
180	7"	180.0	180.6	2.60	3.1	4.2	4.9	6.1	7.1	8.0	9.2	9.9	11.4	-	-	6
200	8"	200.0	200.6	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7	-	-	6
225	9"	225.0	225.7	3.3	3.9	5.2	6.0	7.6	8.8	10.0	11.5	12.4	14.3	-	-	6
250	10"	250.0	250.8	3.6	4.2	5.7	6.5	8.5	9.8	11.2	12.9	13.8	15.9	-	-	6
280	11"	280.0	280.9	4.1	4.8	6.4	7.4	9.5	11.0	12.5	14.4	15.4	17.8	-	-	6
315	12"	315.0	316.0	4.6	5.3	7.2	8.3	10.7	12.4	14.0	16.1	17.3	19.9	-	-	6
355	14"	355.0	356.1	5.1	5.9	8.1	9.4	12.0	13.8	15.8	18.2	19.6	22.6	-	-	6
400	16"	400.0	401.2	5.8	6.7	9.1	10.5	13.5	15.6	17.8	20.5	22.0	25.3	-	-	6

DIMENSIONS OF SLOTTED PVC-U PIPES

Nominal Outside Diameter in mm	Nominal Outside Diameter in inch	Mean Outside Diameter in mm		Wall Thickness in mm (t)												Standard Pipe Length in Meters
				Class 1 0.25 MPa		Class 2 0.4 MPa		Class 3 0.6 MPa		Class 4 0.8 MPa		Class 5 1.0 MPa				
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max			
75	2½"	75.0	75.3	-	-	-	-	2.6	3.1	-	-	-	-	6		
110	4"	110.0	110.4	-	-	-	-	3.7	4.3	-	-	6.1	7.1	6		
140	5"	140.0	140.5	-	-	-	-	4.8	5.5	-	-	-	-	6		
160	6"	160.0	160.5	-	-	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2	6		
180	7"	180.0	180.6	-	-	-	-	6.1	7.1	-	-	-	-	6		
200	8"	200.0	200.6	-	-	4.6	5.3	6.8	7.9	-	-	11.0	12.7	6		
225	9"	225.0	225.7	-	-	-	-	7.6	8.8	-	-	-	-	6		
250	10"	250.0	250.8	-	-	-	-	8.5	9.8	-	-	13.8	15.9	6		
315	12"	315.0	316.0	-	-	-	-	10.7	12.4	-	-	-	-	6		

Note :- These pipes can be made available with 1.5 mm & 2 mm slot width.

BATCH NUMBER LOGIC:

Year	Month	Day	Mc.No.	Shift	Die No./Location
XXXX	XX	XX	XXX	X	X/XX

For example, the batch number of pipes produced on Mc. no. 20 on 1st June 2021 in the 1st shift will be 202106010201 U

AGRICULTURE FITTINGS AT A GLANCE

SELFIT MOULDED

(As per IS 7834 & ISO 1452)

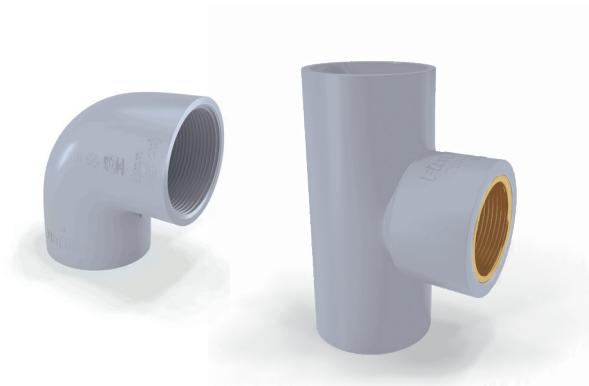
Type of Fittings	Size in (mm)
COUPLER	20 to 160
ELBOW 90°	20 to 200
ELBOW 45°	20 to 200
TEE	20 to 200
TEE-BRASS INSERT	25 X 20
END CAP	20 to 200
END CAP - THREADED	40 to 110
MALE THREADED ADAPTER (M.T.A.)	20 to 160
FEMALE THREADED ADAPTER (F.T.A.)	20 to 160
FEMALE THREADED ADAPTER (F.T.A.) - BRASS INSERT	25 X 20
TAIL PIECE	63 to 200
REDUCER	25 to 200
REDUCING BUSH	25 to 200
REDUCING TEE	25 to 160
REDUCING ELBOW 90°	25 to 110
REDUCING ELBOW 90° - BRASS INSERT	25 X 20
REDUCING ELBOW 90° - THREADED	75 X 63
SINGLE Y	63 to 200
REDUCING SINGLE Y	160 to 200

Type of Fittings	Size in (mm)
ELBOW 90° - THREADED	20 to 90
COMPACT BALL VALVE	20 to 110
BUTTERFLY VALVE - GEAR TYPE	160
BUTTERFLY VALVE - HANDLE TYPE	63 to 200
FOOT VALVE	90
TEE THREADED	25x20
END CAP THR.	20
END CAP THR.	25
END CAP THR.	32
REDUCING TEE	63x20
REDUCING TEE	63x40
REDUCING TEE	75x20
REDUCING TEE	75x25
FOUR WAY TEE	32 x 20
FOUR WAY TEE	40 x 20
FOUR WAY TEE	40 x 25
FOUR WAY TEE	50 x 25
FOUR WAY TEE	50 x 32
FOUR WAY TEE	50 x 40
FOUR WAY TEE	63 x 20
FOUR WAY TEE	63 x 25
FOUR WAY TEE	63 x 32
FOUR WAY TEE	63 x 40
FOUR WAY TEE	75 x 25
FOUR WAY TEE	75 x 32
FOUR WAY TEE	75 x 40
FOUR WAY TEE	75 x 63
SERVICE SADDLE PLAIN	63x40
REDUCING BUSH	32x20
REDUCING BUSH	40x20
REDUCING BUSH	40x25
REDUCING BUSH	50x20
REDUCING BUSH	63x32
BRASS ELBOW	32x20
BRASS TEE	32x20
BRASS FTA	32x20
UNION	25
UNION	32
UNION	40
UNION	50
UNION	63

FABRICATED FITTINGS

(As per IS 10124)

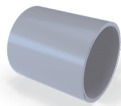
Type of Fittings	Size in (mm)
BEND (45° & 90°)	63 to 140
PLUMBING BEND - 90°	32 to 50
COUPLER	63 to 400
REPAIR COUPLER (R/R)	63 to 160
REDUCER	140 to 200



Type of Fittings	Size in (mm)
SERVICE SADDLE THREADED	20 to 90
SADDLE STRIP	75 to 110
FLANGE	75 to 110

AGRICULTURE MOULDED FITTINGS

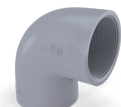
As per IS 7834



COUPLER

To join two lengths of pipes

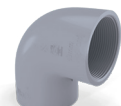
Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
20	¾"	10
25	¾"	10
32	1"	10
40	1¼"	10
50	1½"	10
63	2"	6,10
75	2½"	6,10
90	3"	6,10
110	4"	6,10
140	5"	6
160	6"	4,6



ELBOW 90°

To give a 90° turn to a pipeline

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
20	¾"	10
25	¾"	10
32	1"	10
40	1¼"	10
50	1½"	10
63	2"	6,10
75	2½"	6,10
90	3"	6,10
110	4"	6,10
140	5"	6,10
160	6"	6,10
180	7"	6
200	8"	6,10



ELBOW 90° - THREADED

To give a 90° turn to a pipeline & to connect a male threaded pipe & accessories

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
20	¾"	10
25	¾"	10
32	1"	10
40	1¼"	10
50	1½"	10
63	2"	10
75	2½"	10
90	3"	10



ELBOW 45°

To give 45° turn to a pipeline

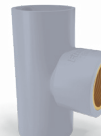
Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
20	¾"	10
25	¾"	10
32	1"	10
40	1¼"	10
50	1½"	10
63	2"	6
75	2½"	6
90	3"	6
110	4"	6
200	8"	6



TEE

To take a bypass or a service line from the main line

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
20	¾"	10
25	¾"	10
32	1"	10
40	1¼"	10
50	1½"	10
63	2"	6,10
75	2½"	6,10
90	3"	6,10
110	4"	6,10
140	5"	6,10
160	6"	6,10
180	7"	6
200	8"	6,10



TEE - BRASS INSERT

To connect a male threaded CP/Metal fittings like taps, showers and similar to a pipeline

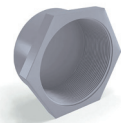
Size in (mm)	Size in (inch)
25X20	¾" x ½"
32x20	1" x ½"



END CAP

To plug the end of a pipeline

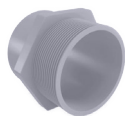
Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
20	½"	10
25	¾"	10
32	1"	10
40	1¼"	10
50	1½"	10
63	2"	10
75	2½"	6,10
90	3"	6,10
110	4"	6,10
140	5"	6,10
160	6"	6,10
180	7"	6
200	8"	6,10



END CAP - THREADED

To plug the end of male threaded pipeline and accessories

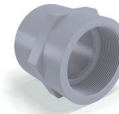
Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
20	½"	6
25	¾"	6
32	1"	6
40	1¼"	10
50	1½"	10
63	2"	10
75	2½"	6
90	3"	6
110	4"	6



MALE THREADED ADAPTER (M.T.A.)

To connect female threaded pipes and accessories

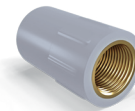
Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
20X20	½" x ½"	10
25X20	¾" x ½"	6
25X25	¾" x ¾"	10
32X32	1" x 1"	10
40X40	1¼" x 1¼"	10
50X50	1½" x 1½"	10
63X63	2" x 2"	6,10
75X63	2½" x 2"	6
75X75	2½" x 2½"	6,10
90X75	3" x 2½"	6
90X90	3" X 3"	6,10
110X110	4" X 4"	6,10
140X140	5" X 5"	6
160X160	6" X 6"	6



FEMALE THREADED ADAPTER (F.T.A.)

To connect male threaded pipes and accessories

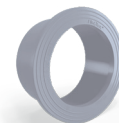
Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
20X20	½" x ½"	10
25X20	¾" x ½"	10
25X25	¾" x ¾"	10
32X20	1" x ½"	10
32X25	1" x ¾"	10
32X32	1" x 1"	10
40X40	1¼" x 1¼"	10
50X50	1½" x 1½"	10
63X50	2" x 1½"	6
63X63	2" x 2"	6,10
75X63	2½" x 2"	6
75X75	2½" x 2½"	6,10
90X63	3" X 2"	6
90X75	3" X 2½"	6
90X90	3" X 3"	6,10
110X75	4" X 2½"	6
110X90	4" X 3"	6
110X110	4" X 4"	6,10
140X140	5" X 5"	6
160X160	6" X 6"	6



FEMALE THREADED ADAPTER (F.T.A.) - BRASS INSERT

To connect male threaded CP/Metal fittings like taps, showers and similar to a pipeline

Size in (mm)	Size in (inch)
25X20	¾" x ½"
32X20	1" x ½"



TAIL PIECE

For accessories that are to be connected using either a flange or a spigot joint

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
63	2"	6
75	2½"	6
90	3"	6
110	4"	6
140	5"	6
160	6"	6
180	7"	6
200	8"	6



SERVICE SADDLE THREADED

To tap the main line into a small feeder line for domestic purposes. Also used for fixing air valves on the line

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
63X20	2" x 1/2"	6
63X25	2" x 3/4"	6
63X32	2" x 1"	6
63x40	2" x 1 1/4"	6
75X20	2 1/2" x 1/2"	6
75X25	2 1/2" x 3/4"	6
75X32	2 1/2" x 1"	6
90X20	3" x 1/2"	6
90X25	3" x 3/4"	6
90X32	3" x 1"	6
110X20	4" x 1/2"	6
110X25	4" x 3/4"	6
110X32	4" x 1"	6
140X20	5" x 1/2"	6
140X25	5" x 3/4"	6
140X32	5" x 1"	6
140X40	5" x 1 1/4"	6
140X50	5" x 1 1/2"	6
140X63	5" x 2"	6
160X20	6" x 1/2"	6
160X25	6" x 3/4"	6
160X32	6" x 1"	6
160X40	6" x 1 1/4"	6
160X50	6" x 1 1/2"	6
160X63	6" x 2"	6
180X20	7" x 1/2"	6
180X25	7" x 3/4"	6
180X32	7" x 1"	6
180X40	7" x 1 1/4"	6
180X50	7" x 1 1/2"	6
180X63	7" x 2"	6
180X75	7" x 2 1/2"	6
200X20	8" x 1/2"	6
200X25	8" x 3/4"	6
200X32	8" x 1"	6
200X40	8" x 1 1/4"	6
200X50	8" x 1 1/2"	6
200X63	8" x 2"	6
200X75	8" x 2 1/2"	6



FOUR WAY TEE

To create a double bypass or service line from the main line

Size in (mm)	Size in (inch)
32X20	1" X 1/2"
40X20	1 1/4" X 1/2"
40X25	1 1/4" X 3/4"
50X25	1 1/2" X 3/4"
50X32	1 1/2" X 1"
50X40	1 1/2" X 1 1/4"
63X20	2" X 1/2"
63X25	2" X 3/4"
63X32	2" X 1"
63X40	2" X 1 1/4"
75X25	2 1/2" X 3/4"
75X32	2 1/2" X 1"
75X40	2 1/2" X 1 1/4"
75X63	2 1/2" X 2"



REDUCER

To connect a service line to the main line; after a tee has been installed

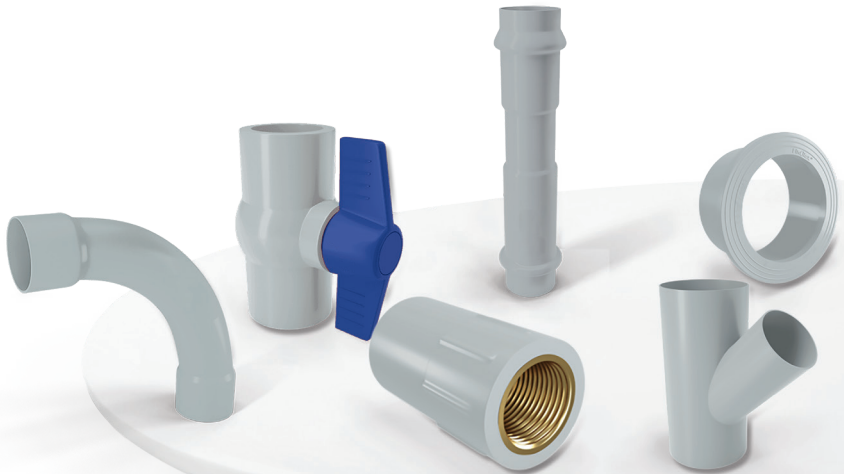
Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
25X20	3/4" x 1/2"	10
32X20	1" x 1/2"	10
32X25	1" x 3/4"	10
40X32	1 1/4" x 1"	10
50X32	1 1/2" x 1"	10
50X40	1 1/2" x 1 1/4"	10
63X32	2" x 1"	6
63X40	2" x 1 1/4"	6,10
63X50	2" x 1 1/2"	6
75X32	2 1/2" x 1"	6
75X40	2 1/2" x 1 1/4"	6
75X50	2 1/2" x 1 1/2"	6
75X63	2 1/2" x 2"	6
90X50	3" X 1 1/2"	6
90X63	3" X 2"	6
90X75	3" X 2 1/2"	6
110X63	4" X 2"	6
110X75	4" X 2 1/2"	6
110X90	4" X 3"	6
140X75	5" X 2 1/2"	6
140X90	5" X 3"	6
140X110	5" X 4"	6
160X90	6" X 3"	6
160X110	6" X 4"	6
160X140	6" X 5"	6
180X110	7" X 4"	6
180X160	7" X 6"	6
200X110	8" X 4"	6
200X140	8" X 5"	6

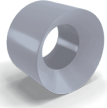


UNION

To enable quick and convenient pipe disconnection for maintenance or fixture replacement

Size in (mm)	Size in (inch)
25	3/4"
32	1"
40	1 1/4"
50	1 1/2"
63	2"





REDUCING BUSH

To reduce the internal diameter of a fitting

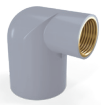
Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
25X20	¾" x ½"	10
32x20	1" x ½"	6
32X25	1" x ¾"	10
40X20	1¼" x ½"	6
40X25	1¼" x ¾"	6
40X32	1¼" x 1"	10
50X20	1½" x ½"	6
50X25	1½" x ¾"	10
50X32	1½" x 1"	10
50X40	1½" x 1¼"	6
63X32	2" x 1"	6
63X40	2" x 1¼"	6
63X50	2" x 1½"	6
75X40	2½" x 1¼"	6
75X50	2½" x 1½"	6
75X63	2½" x 2"	6
90X63	3" x 2"	6
90X75	3" x 2½"	6
110X63	4" x 2"	6
110X75	4" x 2½"	6
110X90	4" x 3"	6
160X140	6" x 5"	6
180X140	7" x 5"	6
180X160	7" x 6"	6
200X110	8" x 4"	6
200X140	8" x 5"	6
200X160	8" x 6"	6
200X180	8" x 7"	6



REDUCING ELBOW 90°

To give a reducing 90° turn to a pipeline

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
25X20	¾" x ½"	10
110X63	4" X 2"	6
110X75	4" X 2½"	6
110X90	4" X 3"	6



REDUCING ELBOW 90° - BRASS INSERT

To connect male threaded CP/Metal fittings like taps, showers and similar to a pipeline

Size in (mm)	Size in (inch)
25X20	¾" x ½"
32x20	1" x ½"



REDUCING ELBOW 90° - THREADED

To give a reducing 90° turn to a pipeline and to connect male threaded pipes and accessories

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
75X63	2½" x 2"	6



REDUCING TEE

To take a reducing bypass or a service line from the main line

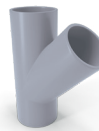
Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
25X20	¾" x ½"	10
32X20	1" x ½"	10
32X25	1" x ¾"	10
40X20	1¼" x ½"	10
40X25	1¼" x ¾"	10
40X32	1¼" x 1"	10
50X20	1½" x ½"	10
50X25	1½" x ¾"	10
50X32	1½" x 1"	10
50X40	1½" x 1¼"	10
63X20	2" x ½"	6
63X25	2" x ¾"	10
63X32	2" x 1"	10
63X40	2" x 1¼"	6
63X40	2" x 1¼"	10
63X50	2" x 1½"	6
63X50	2" x 1½"	10
75X20	2½" x ½"	6
75X25	2½" x ¾"	6
75X40	2½" x 1¼"	6
75X50	2½" x 1½"	6
75X63	2½" x 2"	6
90X50	3" x 1½"	6
90X63	3" x 2"	6
90X75	3" x 2½"	6
110X63	4" x 2"	6
110X75	4" x 2½"	6
110X90	4" x 3"	6
140X90	5" x 3"	6
140X110	5" x 4"	6
160X110	6" x 4"	6
160X140	6" x 5"	6



REDUCING THREADED TEE

To create a reducing bypass or service line from the main line

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
25X20	¾" x ½"	6



SINGLE Y

To take an equal service line in a main pipe line at an angle of 45°

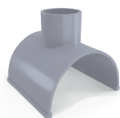
Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
63	2"	6
75	2½"	6
90	3"	6
110	4"	6
140	5"	6
160	6"	6
200	8"	6



REDUCING SINGLE Y

To take a reducing service line in a main pipeline at an angle of 45°

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
160X110	6"x4"	6
160X140	6"x5"	6
200X110	8"x4"	6
200X160	8"x6"	6



SADDLE STRIP

To tap the main line into a small feeder line

Size in (mm)	Size in (inch)
75X40	2½" x 1¼"
75X50	2½" x 1½"
110X40	4" X 1¼"
110X50	4" X 1½"
110X75	4" X 2½"



FLANGE WITH GASKET - OPEN

Used to provide temporary disassembly of a piping system. For accessories that are to be connected using either a flange or a spigot joint

Size in (mm)	Size in (inch)
75	2½"
90	3"
110	4"



AGRI FLANGE GASKET - CLOSE

Used to provide temporary disassembly of a piping system. For accessories that are to be connected using either a flange or a spigot joint

Size in (mm)	Size in (inch)
75	2½"
90	3"
110	4"



BUTTERFLY VALVE - GEAR TYPE

To control and regulate the flow of water

Size in (mm)	Size in (inch)
160	6"



BUTTERFLY VALVE - HANDLE TYPE

To control and regulate flow of the water

Size in (mm)	Size in (inch)
63	2"
75	2½"
90	3"
110	4"
160	6"
200	8"



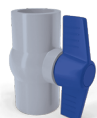
FOOT VALVE

To ensure trouble free flow of water in the desired direction

Size in (mm)	Size in (inch)
90	3"

VALVES

(As per ISO 1452)



COMPACT BALL VALVE

To control and regulate the flow of water

Size in (mm)	Size in (inch)
20	¾"
25	¾"
32	1"
40	1¼"
50	1½"
63	2"
75	2½"
90	3"
110	4"

AGRICULTURE FABRICATED FITTINGS

(As per IS 10124)



BEND (45° & 90°)

To give a required angle turn to a pipeline

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)	Angle
25	¾"	8	90°
40	1¼"	6	90°
50	1½"	6	90°
63	2"	6	45°
63	2"	4,6	90°
75	2½"	6	45°
75	2½"	4,6	90°
90	3"	6	45°
90	3"	4,6	90°
110	4"	6	45°
110	4"	4,6	90°
140	5"	4,6	45°
140	5"	4,6	90°
160	6"	4,6	45°, 90°
180	7"	4,6	90°
200	8"	4,6	90°
250	10"	4,6	90°
315	12"	4,6	90°



PLUMBING BEND FAB - 90°

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
32	1"	15
40	1¼"	15
50	1½"	15

* NOTE : Sizes 22.5°, 30° & 45° are manufactured only against confirmed order and schedule.



REPAIR COUPLER (R/R)

To repair the damaged portion of a pipeline

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
63	2"	4,6
75	2½"	4,6
90	3"	4,6
110	4"	4,6
140	5"	4,6
160	6"	4,6



REDUCER

To reduce the main line size

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
140X110	5" X 4"	6
200X160	8" X 6"	6



COUPLER

To join two pipes

Size in (mm)	Size in (inch)	Pressure Rating (Kg/CM ²)
63	2"	4,6,10
75	2½"	4,6,10
90	3"	4,6,10
110	4"	4,6,10
140	5"	4,6,10
160	6"	4,6,10
180	7"	4,6,10
200	8"	4,6,10
225	9"	4,6
250	10"	4,6,10
280	11"	6
315	12"	4,6,10
355	14"	4,6
400	16"	4,6

FINOLEX SOLVENT CEMENT & LUBRICANT



SOLVENT CEMENT - CLEAR REGULAR BODIED

Solvent Cement for agriculture applications upto 110 mm (4") (As Per IS 14182 & ASTM D 2564)

Size	ml	25	50	100	250	500	1000	5000
	Container	Tube	Tube	Tin	Tin	Tin	Tin	Can



SOLVENT CEMENT - CLEAR MEDIUM BODIED

Solvent Cement for high diameter agriculture applications above 110 mm (4") (As Per IS 14182 & ASTM D 2564)

Size	ml	25	250	500	1000	5000
	Container	Tube	Tin	Tin	Tin	Can



SOLVENT CEMENT - GREY REGULAR BODIED

Solvent Cement for agriculture applications upto 110mm (4") (As Per IS 14182)

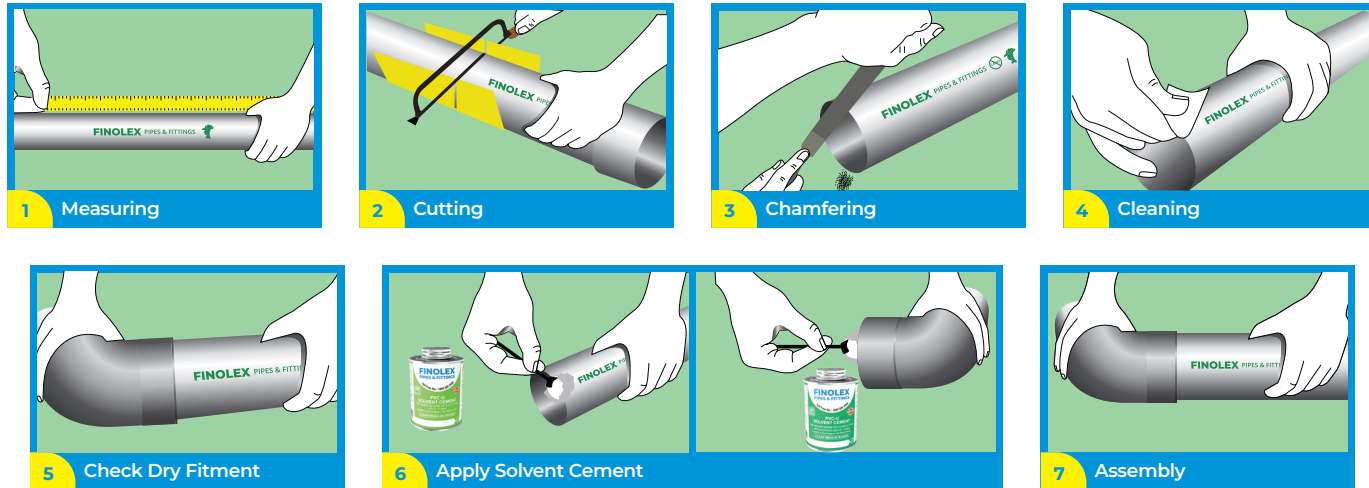
Outside diameter of pipe (mm)	Size in (inch)	Approx No. of Joints/Ltr. of Finolex Solvent Cement
20	¾"	300
25	1"	250
32	1¼"	225
40	1½"	175
50	2"	130
63	2½"	125
75	3"	100
90	3½"	75
110	4"	50

Outside diameter of pipe (mm)	Size in (inch)	Approx No. of Joints/Ltr. of Finolex Solvent Cement
140	5½"	35
160	6½"	28
180	7½"	25
200	8"	15
225	9"	12
250	10"	9
280	11"	7
315	12"	5
355	14"	3
400	16"	2

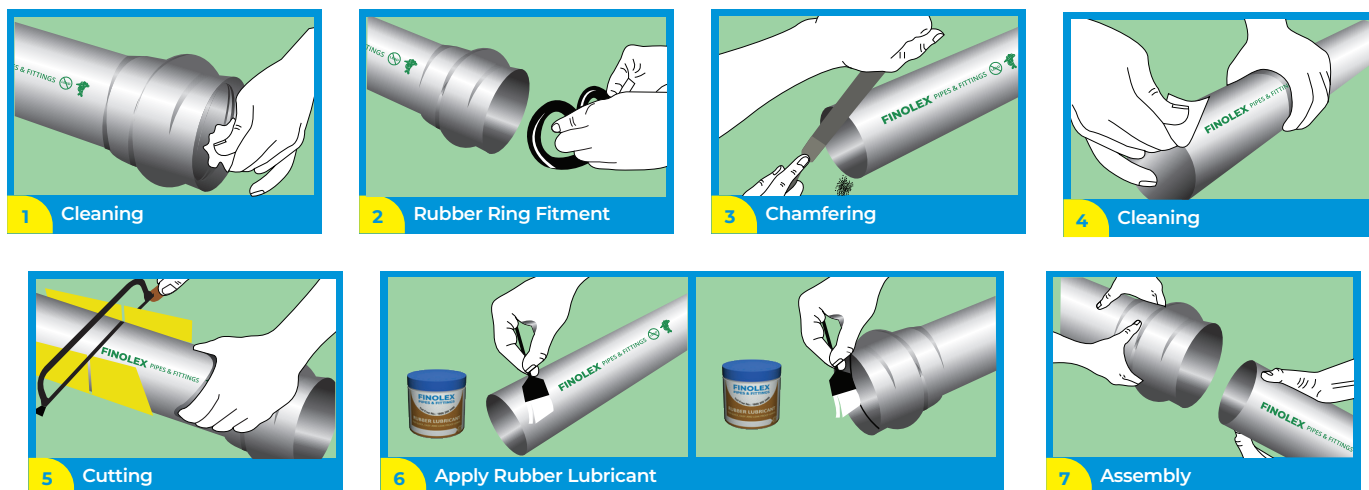


JOINTING

FOR SELFIT PIPES AND FITTINGS



FOR RINGFIT PIPES



CERTIFICATIONS AND APPROVALS



Tested and approved by
Central Institute of Plastics
Engineering & Technology
(CIPET)



Approved and tested
by SGS laboratory



Pipes are manufactured conforming to
IS 4985 (Bureau of Indian Standards)



Fittings manufactured conforming to
IS 7834 (Bureau of Indian Standards)

FEATURES & BENEFITS

- Facilitates faster installation enabling immediate pressure testing and commissioning
- Joints are stable, watertight and can resist horizontal and vertical tractive forces
- Leak-proof joints
- Extended product life due to corrosion and rust resistance
- Convenient and easy installation
- Use of elastomeric sealing ring eliminates the requirements and precautions associated with quality and quantity of solvent cement
- Deflection of pipes due to soil shifting and/or land contour can be easily accommodated upto 2° per joint
- Ringfit pipes can be tested and put to immediate use after jointing as there is no curing period required
- Absorption of linear expansion and contraction by the rubber ring keeps the EPDM seal intact even in extreme temperature variation
- Non-reactive to acids, alkalis, effluents, salt and minerals
- Smooth inner walls minimize frictional losses and scaling due to precipitation
- Excellent flow characteristics
- Substantial savings in labour costs due to reduced number of joints
- Increased product life as these pipes are free from weaknesses caused by scaling, rusting, weathering and chemical action
- Reduced inventory - as the use of couplers is eliminated
- Selfit sockets are made with high precision on specially developed machines
- Lower installation time and cost
- Available in standard lengths of 3, 5 & 6 meters
- All weather jointing
- Lead-free

APPLICATIONS

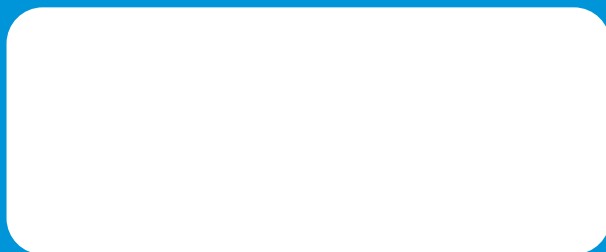
PVC-U pipes are used for efficient transportation of water in agriculture and allied applications such as:

- Irrigation schemes
- Potable water supply lines
- Biogas plants
- Main lines for sprinkler and drip irrigation
- Rising main and distributing lines
- Households



FINOLEX PIPES & FITTINGS

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