

CPVC PLUMBING SYSTEMS



HANDLES HOT AND COLD LIKE A PRO.

Temperature resistant CPVC Plumbing Systems.



PIPES

15 to 50mm- SDR 11 & 13.5 as per IS:15778
65 to 250mm- Sch 40 & 80 as per ASTM F 441

FITTINGS

15 to 50mm- SDR 11 as per ASTM D 2846
65 to 100mm- Sch 80 as per ASTM F439
150mm - Sch 40 as per ASTM F438

FLANGE

As per ASTM-D4024 and ASME B 16.5



PRODUCT RANGE

Pipes: 15mm to 250mm (1/2" to 10")
Fittings: 15mm to 150mm (1/2" to 6")

EXTENSIVELY USED IN



MALLS



HOSPITALS



RESIDENTIAL



HOTELS



SOLAR PANELS

APPLICATIONS

- Indoor and outdoor installations of hot & cold water applications (up to 93°C only).
- Residential & commercial buildings.
- Public utilities, swimming pools & industrial applications.
- RO & DM water plants.
- For concealed, down take and terrace looping.

MAJOR ADVANTAGES

- Proven hot & cold water performance up to 93°C.
- Manufactured from eco-friendly virgin CPVC compounds.
- Safe for drinking water.
- Long life.
- Self-extinguishing. Does not support combustion.
- UV resistance makes it suitable for outdoor installation and long term exposure to sunrays.
- High impact resistance ensures high quality performance at lower temperatures.
- Fast and easy installation. Saves labour.
- Lower thermal conductivity.
- No bacterial growth compared to other piping material.

JOINTING METHOD

- Solvent Joint
- Threaded Joint: Plastic & metal threaded fittings to be used for transition joints.

PIPE DIMENSIONS

Nominal Bore		Outside Diameter		SDR - 11				SDR - 13.5			
				Wall Thickness		Working Pressure		Wall Thickness		Working Pressure	
		Min	Max	Min	Max	At 27°C	At 82°C	Min	Max	At 27°C	At 82°C
(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(Kg/cm ²)	(Kg/cm ²)	(mm)	(mm)	(Kg/cm ²)	(Kg/cm ²)
15	1/2	15.80	16.00	1.70*	2.20*	28.14	6.93	1.40*	1.90*	22.22	5.60
20	3/4	22.10	22.30	2.00	2.50	28.14	6.93	1.70	2.20	22.22	5.60
25	1	28.50	28.70	2.60	3.10	28.14	6.93	2.10	2.60	22.22	5.60
32	1 1/4	34.80	35.00	3.20	3.70	28.14	6.93	2.60	3.10	22.22	5.60
40	1 1/2	41.20	41.40	3.80	4.30	28.14	6.93	3.10	3.60	22.22	5.60
50	2	53.90	54.10	4.90	5.50	28.14	6.93	4.00	4.60	22.22	5.60
		Schedule 40				Schedule 80					
(mm)	(inch)	(mm)	Min	Max	At 23°C	At 82°C	Min	Max	At 23°C	At 82°C	
65	2 1/2	73.00 (+/-0.18)	5.16	5.77	21.10	5.30	7.01	7.85	29.57	7.34	
80	3	88.90 (+/-0.20)	5.49	6.15	18.25	4.58	7.62	8.53	26.00	6.32	
100	4	114.30 (+/-0.23)	6.02	6.73	15.49	3.87	8.56	9.58	22.53	5.60	
150	6	168.30 (+/-0.28)	7.11	7.79	12.64	3.16	10.97	12.29	19.68	4.89	
200	8	219.10 (+/-0.38)	8.18	9.17	11.21	2.85	12.70	14.22	17.54	4.18	
250	10	273.10 (+/-0.38)	9.27	10.39	9.89	2.44	15.06	16.86	16.21	3.87	

NOTE:

1. Dimensions with '*' are not a function of SDR.
2. Fittings are suitable for corresponding pipe pressure rating.

FITTINGS RANGE

BALL VALVES



15 to 50mm
(1/2" to 2")

BLIND FLANGE



65 & 100mm
(2 1/2" & 4")

CONCEALED VALVE



20 & 25mm
(3/4" & 1")

COUPLER



15 to 150mm
(1/2" to 6")

CROSS OVER



15, 20 & 25mm
(1/2", 3/4" & 1")

CROSS OVER (MOULDED)



20 & 25mm
(3/4" & 1")

ELBOW



15 to 150mm
(1/2" to 6")

ELBOW 45°



15 to 50mm
(1/2" to 2")

EQUAL TEE



15 to 150mm
(1/2" to 6")

END CAP



15 to 150mm
(1/2" to 6")

EXTENDED END PLUG



15mm
(1/2")

FABRICATED BEND



15 to 50mm
(1/2" to 2")

FEMALE THREADED ADAPTOR (FTA)



15 to 50mm
(1/2" to 2")

FOUR WAY TEE



15 & 20mm
(1/2" & 3/4")

MALE THREADED ADAPTOR (MTA)



15 to 50mm
(1/2" to 2")

OPEN FLANGE



25 to 100mm
(1" to 4")

POWDER COATED METAL CLAMP (*)



15 to 50mm
(1/2" to 2")

REDUCER



20 X 15mm to 50 X 40mm
(3/4" x 1/2" to 2" x 1 1/2")

REDUCING BUSH



20 X 15mm to 50 X 40mm
(3/4" x 1/2" to 2" x 1 1/2")

REDUCING ELBOW



20 X 15mm to 25 X 20mm
(3/4" x 1/2" & 1" x 3/4")

REDUCING MALE THREADED ADAPTOR (RMTA)



20 X 15mm
(3/4" x 1/2")

REDUCING TEE



20 X 15mm to 50 X 40mm
(3/4" x 1/2" to 2" x 1 1/2")

TRANSITION BUSH



15 & 20mm
(1/2" & 3/4")

TANK CONNECTOR MOULDED (SHORT BODY)



15 to 50mm
(1/2" to 2")

TANK CONNECTOR (SOCKET TYPE)



20 to 25mm
(3/4" to 1")

UNION



15 to 50mm
(1/2" to 2")

FEMALE THREADED ADAPTOR (BRASS INSERT)



15 to 50mm
(1/2" to 2")

FEMALE THREADED ADAPTOR (HEAVY)* (BRASS INSERT)



15 to 50mm
(1/2" to 2")

**FEMALE
THREADED ELBOW
(BRASS INSERT)**



15 to 32mm (1/2" to 1 1/4")

**FEMALE
THREADED TEE
(BRASS INSERT)**



15 to 32mm (1/2" to 1 1/4")

**MALE THREADED
ADAPTOR
(BRASS INSERT)**



15 to 50mm (1/2" to 2")

**MALE THREADED
ADAPTOR (HEAVY)*
(BRASS INSERT)**



15 to 50mm (1/2" to 2")

**REDUCING ELBOW
(BRASS INSERT)**



20 X 15mm
(3/4" x 1/2")

**REDUCING TEE
(BRASS INSERT)**



20 X 15mm
(3/4" x 1/2")

TIN



118ml to 946ml

TUBE



29.5ml & 59ml

Images shown here are for representation purpose only, actual product may vary.

