



FROM HOT TO COLD, IT'S INDIA'S TRU-CHOICE.

Temperature-resistant
CPVC Plumbing Systems.



Pipes as per
IS:15778



(SDR 11 & 13.5)

FITTINGS AS PER
ASTM D 2846 (SDR 11)



PRODUCT RANGE

Pipes : 1/2" - 10"

Fittings : 1/2" - 4"

EXTENSIVELY USED IN



MALLS



HOSPITALS



RESIDENTIAL



HOTELS

COUPLER



1/2" to 2"

ELBOW



1/2" to 2"

ELBOW 45°



1/2" to 2"

EQUAL TEE



1/2" to 2"

UNION



1/2" to 2"

END CAP



1/2" to 2"

FOUR WAY TEE



1/2" & 3/4"

CROSS OVER (MOULDED)



3/4" & 1"

MALE THREADED ADAPTOR (MTA)



1/2" to 2"

FEMALE THREADED ADAPTOR (FTA)



1/2" to 2"

TANK CONNECTOR



1/2" to 2"

BALL VALVES



1/2" to 2"

POWDER COATED METAL CLAMP (*)



1/2" to 2"

TANK CONNECTOR (PLAIN)



3/4" & 1"

REDUCING BUSH



3/4" x 1/2" to 2" x 1 1/2"

REDUCER



3/4" x 1/2" to 2" x 1 1/2"

REDUCING MTA



3/4" x 1/2"

REDUCING TEE



3/4" & 1" to 2" & 1/2"

TRANSITION BUSH



1/2" x 1/2" & 3/4" x 3/4"

REDUCING ELBOW



3/4" x 1/2" & 1" x 3/4"

MALE THREADED ADAPTOR



1/2" to 2"

MALE THREADED ADAPTOR (HEAVY)*



1/2" to 2"

FEMALE THREADED ADAPTOR



3/4" x 1/2" to 2"

FEMALE THREADED ADAPTOR (HEAVY)*



1/2" to 2"

OPEN FLANGE



1" to 4"

BLIND FLANGE



2 1/2" to 4"

FEMALE THREADED TEE



1/2" to 1 1/4"

FEMALE THREADED ELB



1/2" to 1 1/4"

CONCEALED VALVE



3/4" & 1"

TUBE



29.5ml to 59ml

TIN



118ml to 946ml



APPLICATIONS

- Indoor and outdoor use for hot & cold water applications (From 0°C to 93°C only).
- Residential & commercial buildings.
- Public utilities, swimming pools & industrial applications.
- RO & DM water plants.
- For concealed, down take & terrace looping.

MAJOR ADVANTAGES

- Proven hot & cold water performance from 0°C to 93°C.
- Manufactured from eco-friendly virgin CPVC compounds.
- Safe for drinking water.
- Long life.
- Self-extinguishing. Does not support combustion.
- UV resistance ensures pressure and temperature bearing capability even after 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

PIPE DIMENSIONS

FOR CPVC PLUMBING SYSTEMS

| As per IS 15778 | | | | | | | | | | | | |
|-----------------|------|------------------|------------------|------|-----------------------|-----------------------|------------------|------|-----------------------|-----------------------|------------------|--|
| Nominal Bore | | | Outside Diameter | | SDR - 11 | | | | SDR - 13.5 | | | |
| | | | | | Wall Thickness | | Working Pressure | | Wall Thickness | | Working Pressure | |
| Inch | (mm) | (mm) | Min | Max | At 27°C | At 82°C | Min | Max | At 27°C | At 82°C | | |
| | | | (mm) | (mm) | (Kg/cm ²) | (Kg/cm ²) | (mm) | (mm) | (Kg/cm ²) | (Kg/cm ²) | | |
| 1/2 | 15 | 15.90 (+/- 0.10) | 1.70 | 2.20 | 28.14 | 6.93 | 1.40 | 1.90 | 22.22 | 5.60 | | |
| 3/4 | 20 | 22.20 (+/- 0.10) | 2.00 | 2.50 | 28.14 | 6.93 | 1.70 | 2.20 | 22.22 | 5.60 | | |
| 1 | 25 | 28.60 (+/- 0.10) | 2.60 | 3.10 | 28.14 | 6.93 | 2.10 | 2.60 | 22.22 | 5.60 | | |
| 1 1/4 | 32 | 34.90 (+/- 0.10) | 3.20 | 3.70 | 28.14 | 6.93 | 2.60 | 3.10 | 22.22 | 5.60 | | |
| 1 1/2 | 40 | 41.30 (+/- 0.10) | 3.80 | 4.30 | 28.14 | 6.93 | 3.10 | 3.60 | 22.22 | 5.60 | | |
| 2 | 50 | 54.00 (+/- 0.10) | 4.90 | 5.50 | 28.14 | 6.93 | 4.00 | 4.60 | 22.22 | 5.60 | | |

As per ASTM F 441

| Nominal Bore | | Outside Diameter | Schedule 40 | | | | Schedule 80 | | | |
|--------------|------|------------------|----------------|-------|--------------------|--------------------|----------------|-------|--------------------|--------------------|
| (Inch) | (mm) | | Wall Thickness | | Working Pressure | | Wall Thickness | | Working Pressure | |
| | | (mm) | Min | Max | At 27°C | At 82°C | Min | Max | 27°C | 82°C |
| | | (mm) | (mm) | (mm) | Kg/cm ² | Kg/cm ² | (mm) | (mm) | Kg/cm ² | Kg/cm ² |
| 2 1/2 | 65 | 73.00 (+/-0.18) | 5.16 | 5.77 | 21.10 | 5.30 | 7.01 | 7.85 | 29.57 | 7.34 |
| 3 | 80 | 88.90 (+/-0.20) | 5.49 | 6.15 | 18.25 | 4.58 | 7.62 | 8.53 | 26.00 | 6.32 |
| 4 | 100 | 114.30 (+/-0.23) | 6.02 | 6.73 | 15.49 | 3.87 | 8.56 | 9.58 | 22.53 | 5.60 |
| 6 | 150 | 168.30 (+/-0.28) | 7.11 | 7.79 | 12.64 | 3.16 | 10.97 | 12.29 | 19.68 | 4.89 |
| 8 | 200 | 219.10 (+/-0.38) | 8.18 | 9.17 | 11.21 | 2.85 | 12.70 | 14.22 | 17.54 | 4.18 |
| 10 | 250 | 273.10 (+/-0.38) | 9.27 | 10.39 | 9.89 | 2.44 | 15.06 | 16.86 | 16.21 | 3.87 |