



CPVC Pipes & Fittings



CPVC **(Chlorinated** **Polyvinyl Chloride)**

CPVC (Chlorinated Polyvinyl Chloride) pipes and fittings are the quality plumbing system for carrying hot and cold water. The Pipes are manufactured as per IS 15778 with the class of SDR 11 and fittings are manufactured as per ASTM D 2846 in sizes from 15mm to 50mm.. The advantages of PVC and Chlorine, results in carrying hot water at a maximum temperature of 82°C and are maintenance free for life.



POLY INDIA CPVC

pipes and fittings are manufactured using world class raw material and technology, which makes them ideal for both hot and cold water distribution systems. These pipes are made from a special plastic, chemically known as Chlorinated Polyvinyl Chloride, commonly known as CPVC.

- Pipes are available in SDR 11.
- The available range of pipes and fittings varies from 15 mm to 50 mm.

Features & Benefits of CPVC Piping System



Quick, easy & aesthetic installation



Energy Saver



Unaffected by Chlorine in Water



Suitable for use up to 93°C



High tensile and impact strength



Freedom from toxicity, odours and tastes



Low thermal expansion



UV Resistant



25% Higher pressure bearing capacity at higher temperatures



Fire Retardant



No corrosion, leakage, scaling and pitting



Lowest bacterial growth

Hotels	Hospitals	Water Treatment Plans	Metal Treatment
High Rise Residential Buildings, Complexes and Societies			
Pulp & Paper Industries		Chemical & Pharma Industries	
Commercial & Industrial Installations			Solar Water Heaters

Standards

Pipes				Fittings			
Size (mm)	Class	Standard	End Connection	Size (mm)	Class	Standard	End Connection
15 to 50	SDR 11	IS 15778	Solvent Cement Joint	15 to 50	SDR 11	ASTM D 2846	<ul style="list-style-type: none"> • Solvent Cement Sockets Joint. • For transition joints, fittings with plastic threads & metal threaded inserts.
15 to 50	SDR 13.5	IS 15778		65 to 100	SCH 80	ASTM F 439	
65 to 250	SCH - 40	ASTM F 441		150	SCH 40	ASTM F 438	
65 to 250	SCH - 80	ASTM F 441		-	-	-	

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 ¼	34.80	35.00	3.20	3.70	28.14	6.93	2.60	3.10	22.22	5.60
40	1 ½	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

