

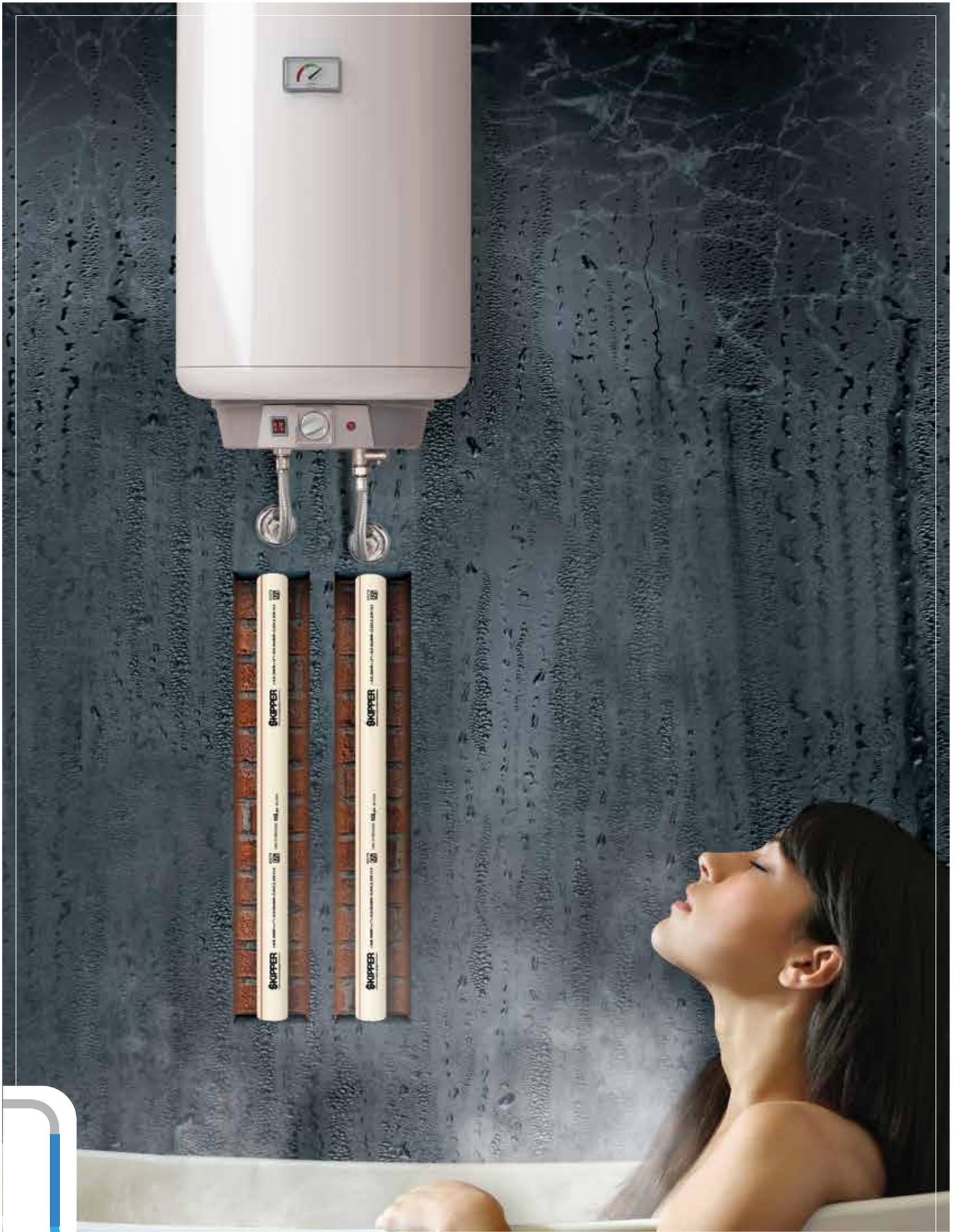
PLUMBING

CPVC PIPES & FITTINGS

UPVC PIPES & FITTINGS

The strength
you can trust for life







CPVC Pipes

made from



CPVC PIPES & FITTINGS

Ideal for HOT & COLD Water Supplies

Skipper CPVC Plumbing System is the most ideal solution for Hot & Cold Water Applications. Skipper follows strict quality control on the choice of raw material & finished goods. Its pipes are best substitute to conventional GI Piping systems. Skipper CPVC is simple, easy, user friendly and easy to install with many other features and is certified by NSF.

IS 15778 : 2007



CML - 5100025366



Product Range

PIPES	FITTINGS
15 mm (1/2") to 150 mm (6")	15 mm (1/2") to 100 mm (4")

Installation Guide

Solvent Welding

*Threaded or Brass insert end joints will be as per standard installation procedures.



Cutting



Deburring



Test Dryfit of the joint



Application of Solvent Cement



Application of Solvent Cement



Assembly of Joints

Standards

PIPES			FITTINGS		
Size (mm)	Class	Standard	Size (mm)	Class	Standard
15mm to 50mm	SDR 11 & SDR 13.5	IS 15778	15mm to 50mm	SDR 11	ASTM D 2846
65mm to 150mm	SCH-40 & SCH-80	ASTM F 441	65mm to 100mm	SCH-80	ASTM F 439

CPVC PIPES & FITTINGS

Ideal for HOT & COLD Water Supplies

Dimensions | As per IS 15778 : 2007

Nominal Size	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")	15.8	16.0	1.7*	2.2*	28.14	6.93	1.4*	1.9*	22.22	5.6
20 (3/4")	22.1	22.3	2.0	2.5	28.14	6.93	1.7	2.2	22.22	5.6
25 (1")	28.5	28.7	2.6	3.1	28.14	6.93	2.1	2.6	22.22	5.6
32 (1 1/4")	34.8	35.0	3.2	3.7	28.14	6.93	2.6	3.1	22.22	5.6
40 (1 1/2")	41.2	41.4	3.8	4.3	28.14	6.93	3.1	3.6	22.22	5.6
50 (2")	53.9	54.1	4.9	5.5	28.14	6.93	4.0	4.6	22.22	5.6

* All dimensions with (*) are not functions of SDR

As per ASTM F 441

Nominal Size	Outside Diameter	Schedule 40				Schedule 80			
		Wall Thickness		Working Pressure		Wall Thickness		Working Pressure	
		Min	Max	At 27°C	At 82°C	Min	Max	At 27°C	At 82°C
mm(Inch)	(mm)	(mm)	(mm)	(Kg/cm ²)	(Kg/cm ²)	(mm)	(mm)	(Kg/cm ²)	(Kg/cm ²)
65 (2 1/2")	73.00(+/-0.18)	5.16	5.77	21.10	5.3	7.01	7.85	29.57	7.43
80 (3")	88.90(+/-0.20)	5.49	6.15	18.25	4.58	7.62	8.53	26.0	6.32
100 (4")	114.30(+/-0.23)	6.02	6.73	15.49	3.87	8.56	9.58	22.53	5.6
150 (6")	168.30(+/-0.28)	7.11	7.97	12.64	3.16	10.97	12.29	19.68	4.89

Features & Benefits

-  High Heat Resistance
-  Superior Mechanical Strength
-  Great Flame Resistance
-  Excellent Chemical Resistance
-  UV Resistance
-  Less shrinkage with Elevated Temperature
-  Anti Corrosion
-  Superior from the Hygiene Perspective
-  Relatively Low Cost
-  Maintenance Free
-  Leak Proof Joints

Applications

- Residential, Commercial & School Buildings
- Public Utilities, swimming pools & industrial applications
- Distribution & Branch line for potable water supply
- Hot water lines of Solar Heaters
- RO & DM Water Plants



* NSF / ANSI 14 certification is only valid for skipper CPVC pipes from 15mm to 50mm

UPVC

Lead Free Plumbing Pipes & Fittings

Ultimate endurance for superflow performance



UPVC PIPES & FITTINGS

Ideal for Potable Water Distribution

Skipper UPVC Lead Free Plumbing System is a value added long-term plumbing solution for potable water transportation. UPVC Pipes and Fittings is one of the world's most sustainable products, making it ideal for long term use.



Product Range

PIPES	FITTINGS
15 mm (1/2") to 200 mm (8")	15 mm (1/2") to 150 mm (6")

Installation Guide : Solvent Welding

*Threaded or Brass insert end joints will be as per standard installation procedures.



Cutting



Deburring



Test Dryfit of the joint



Application of Solvent Cement



Application of Solvent Cement



Assembly of Joints

Standards

PIPES		
Size (mm)	Class	Standard
15mm to 200mm	SCH-40 & SCH-80	ASTMD - 1785
FITTINGS		
Size (mm)	Class	Standard
15mm to 150mm	SCH-80	ASTM D 2467



UPVC PIPES & FITTINGS

Ideal for Potable Water Distribution

Dimensions | As per ASTM D 1785

Working Pressure Test Conditions for Water at 23° C for UPVC Plastic Pipe

Normal Size	Outside Diameter	SCH-40		SCH-80	
		Wall Thickness	Working Pressure	Wall Thickness	Working Pressure
mm(Inch)	(Kg/cm ²)	(mm)	(Kg/cm ²)	(mm)	(Kg/cm ²)
15 (1/2")	21.34+/-0.10	2.77+0.51	42.40	3.73+0.51	59.75
20(3/4")	26.67+/-0.10	2.87+0.51	33.75	3.91+0.51	48.50
25 (1")	33.40+/-0.13	3.38+0.51	31.60	4.55+0.53	44.25
32 (1 1/4")	42.16+/-0.13	3.56+0.51	26.00	4.85+0.58	36.60
40 (1 1/2")	48.26+/-0.15	3.68+0.51	23.25	5.08+0.61	33.00
50 (2")	60.32+/-0.15	3.91+0.51	19.65	5.54+0.66	28.70
65 (2 1/2")	73.02+/-0.18	5.16+0.61	21.10	7.01+0.84	29.55
80 (3")	88.90+/-0.20	5.49+0.66	18.25	7.62+0.91	26.00
100 (4")	114.30+/-0.23	6.02+0.71	15.5	8.56+1.02	22.50
150 (6")	168.28+/-0.28	7.11+0.86	12.6	10.97+1.32	19.65
200 (8")	219.10+/-0.38	8.18+0.99	11.2	12.70+1.52	17.50

Features & Benefits

-  Excellent Mechanical Properties
-  Excellent Chemical Resistance
-  UV Resistance
-  Resistance to Scaling
-  Anti Corrosion

-  Superior from the Hygiene Perspective
-  Relatively Low Cost
-  Maintenance Free
-  Leak Proof Joints

Applications

- Residential, Commercial & School Buildings
- Public Utilities, Swimming pools & Industrial applications
- Distribution & Branch line for potable water supply
- Lift & Gravity Irrigation Systems

