



C.R.I. PIPES

ONE STOP PIPING SOLUTION

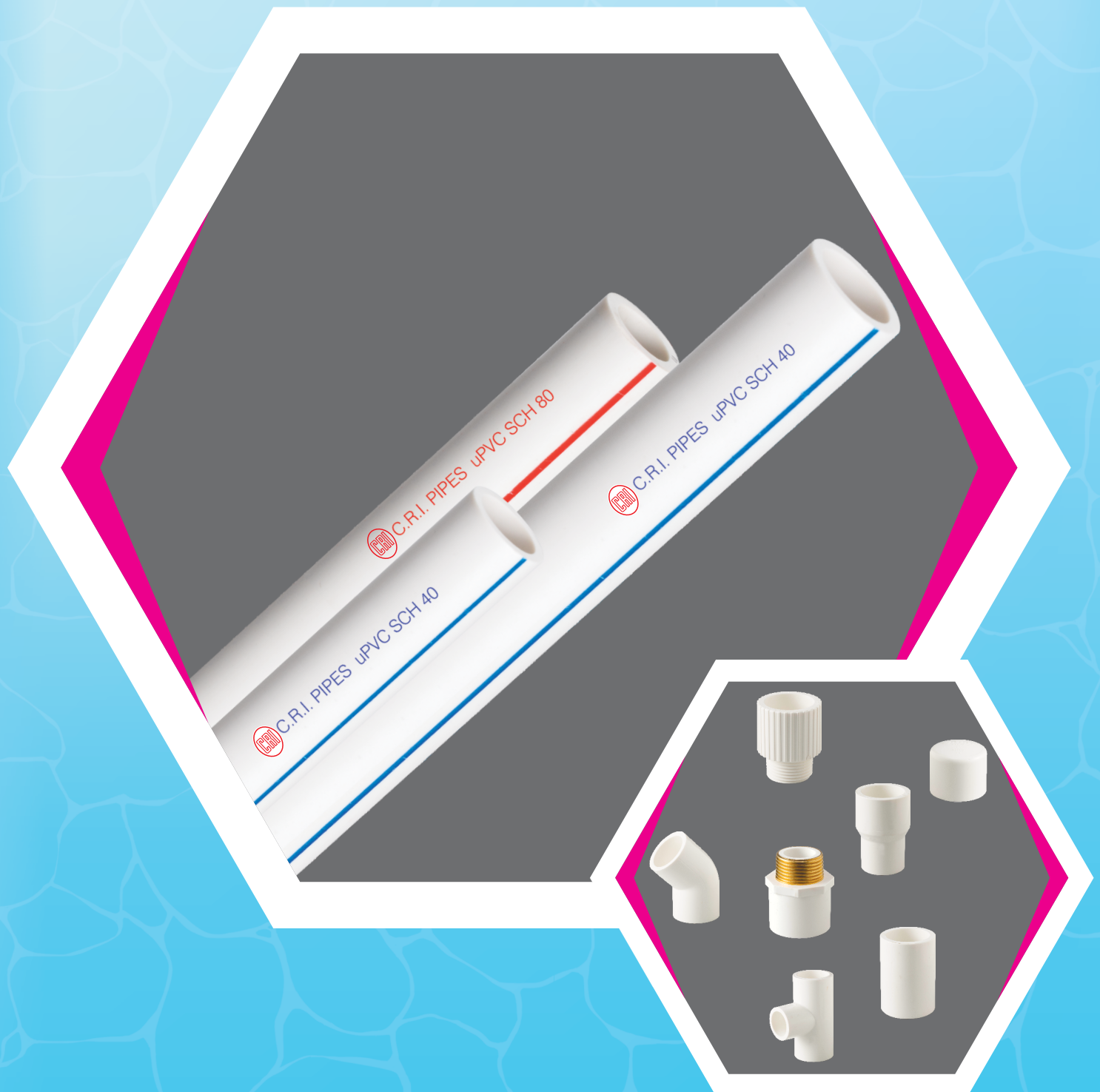


Quality in every inch.

uPVC PLUMBING PIPES & FITTINGS

For Cold water applications

C.R.I. is privileged to introduce lead free ASTM uPVC solvent weld plumbing system. uPVC pipes and fittings are lead free and hence non-toxic, easy to install and are made for lifetime trouble free service. These pipes & fittings are manufactured as per ASTM D 1785 and ASTM D 2467 respectively and are available in sizes from 15mm to 150mm in SCH 40 & SCH 80 Classes.



FIELDS OF APPLICATION

Plumbing application in buildings, Water distribution mains, Swimming pools, Salt water lines, Aggressive / corrosive fluid transportation.

FEATURES

- **UV Resistant** - C.R.I. uPVC Pipes are Resistant to Ultraviolet sun rays which ensures longer life.
- **Lead Free** - These pipes are lead free thus safer for potable drinking water transportation.
- **Strong & Light Weight** - The pipes are light in weight for easy handling and have good mechanical strength & toughness.

The pipes are free from weaknesses caused by rusting, weathering and chemical action, and hence lasts for a lifetime.

- **Fire Resistant** - C.R.I. uPVC pipes & fittings are fire resistant and self-extinguishing.
- **Easy to Install** - No special tools required for installing. The pipes and fittings are easily joined using solvent cements.
- **Cost Effective** - Easy installation helps to reduce the cost.

TECHNICAL DETAILS

Dimensions and water pressure rating at 23°C as per ASTM D-1785

| Nominal Size | ASTM | | SCH - 40 | | | | SCH - 80 | | | |
|--------------|--------------------------------|--------------------------------|------------------------------|------------------------------|---------------------|-----|------------------------------|------------------------------|---------------------|-----|
| | Outside Diameter in mm(Min) | Outside Diameter in mm(Max) | Wall Thickness in mm(Min) | Wall Thickness in mm(Max) | Working Pressure | | Wall Thickness in mm(Min) | Wall Thickness in mm(Max) | Working Pressure | |
| | | | | | kgf/cm ² | psi | | | kgf/cm ² | psi |
| 15 | 21.24 | 21.44 | 2.77 | 3.28 | 42.19 | 600 | 3.73 | 4.24 | 59.76 | 850 |
| 20 | 26.57 | 26.77 | 2.87 | 3.38 | 33.75 | 480 | 3.91 | 4.42 | 48.51 | 690 |
| 25 | 33.27 | 33.53 | 3.38 | 3.89 | 31.58 | 450 | 4.55 | 5.08 | 44.29 | 630 |
| 32 | 42.03 | 42.29 | 3.56 | 4.07 | 26.01 | 370 | 4.85 | 5.43 | 36.56 | 520 |
| 40 | 48.11 | 48.41 | 3.68 | 4.19 | 23.20 | 330 | 5.08 | 5.69 | 33.04 | 470 |
| 50 | 60.17 | 60.47 | 3.91 | 4.42 | 19.69 | 280 | 5.54 | 6.20 | 28.12 | 400 |
| 65 | 72.84 | 73.20 | 5.16 | 5.77 | 21.69 | 300 | 7.01 | 7.85 | 29.55 | 420 |
| 80 | 88.70 | 89.10 | 5.49 | 6.15 | 18.24 | 260 | 7.62 | 8.53 | 25.98 | 370 |
| 100 | 114.07 | 114.53 | 6.02 | 6.73 | 15.48 | 220 | 8.56 | 9.58 | 22.51 | 320 |
| 125 | 141.05 | 141.55 | 6.55 | 7.34 | 13.34 | 190 | 9.52 | 10.66 | 20.38 | 290 |
| 150 | 168.00 | 168.56 | 7.11 | 7.97 | 12.63 | 180 | 10.97 | 12.29 | 19.66 | 280 |



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