BUILT TO FLOW. BUILT TO LAST.

# CHANPOLYPLAST

## Product Range Overview

CPVC · UPVC · SWR · Agriculture Pipes and Fittings

chanpolyplast.com



BUILT TO FLOW. BUILT TO LAST.

# One source for four water systems

Premium quality, competitive prices and top-notch service, across one complete range of water solutions.



## What we compete on

### Premium quality

Every line is made to a named ASTM or IS standard and tested before it is packed.

ASTM · IS

### Competitive prices

Prices quoted against your own sizes and quantities, not a marked-up list.

QUOTED PER ORDER

### Top-notch service

One point of contact from your first message to dispatch, with a reply within 12 24 hours.

ONE CONTACT

## The range

Chanpolyplast manufactures CPVC, UPVC, SWR and agriculture pipes and fittings. Every line is made to a named ASTM or IS standard, with raw material selection, testing and dimensional accuracy controlled for batch-to-batch consistency, so a repeat order does not have to be re-qualified.

CPVC · 1/2" to 2" (15 mm to 50 mm)

UPVC · 1/2" to 2" (15 mm to 50 mm)

SWR · 40 mm to 160 mm

Agriculture · 40 mm to 160 mm · 4 kg/cm² and 6 kg/cm²

## How to use this document

Each category opens with its governing standards and size range, followed by its sub-groups with the Chanpolyplast product code prefix and the number of size lines available. No prices are shown. Send the product codes and sizes you need and we will quote against them.

QUALITY

# Quality testing and standards

Production samples are tested in our quality lab before an order is packed, and every product line is made to a named ASTM or IS standard.

QUALITY MANAGEMENT

## ISO 9001:2015

Quality management

### Product standards

**ASTM D-2846**
CPVC pipes & fittings
CPVC

**ASTM D-1785**
UPVC pipes SCH-40/80
UPVC

**ASTM D-2467**
UPVC fittings SCH-80
UPVC

**IS 13592**
SWR pipes
SWR

**IS 14735**
SWR fittings
SWR

**IS 4985**
Agriculture pipes
AGRICULTURE

**IS 7834**
Agriculture fittings
AGRICULTURE

**Test certificates are issued with your confirmed order.**



CPVC

# CPVC Plumbing System

**ASTM D-2846 · SDR 11 / SDR 13.5 · CTS**

CPVC pipes and fittings for hot and cold potable water, made to ASTM D-2846 in copper tube size, for residential, commercial and public projects.



CPVC brass M.T.A.



CPVC brass tee



CPVC coupler

## Size range

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

## Applications

Hot and cold water | Residential plumbing | Commercial buildings | Low-rise buildings | Gas and solar heater lines

## Why this system

**Corrosion resistant**
Immune to scaling and corrosive water conditions over the service life of the pipe.

**Dimensionally accurate**
SDR 11 and SDR 13.5 wall thickness held to standard tolerance for a reliable solvent-weld joint.

**Standards compliant**
Manufactured to ASTM D-2846 for both pipes and fittings.

**Hot and cold rated**
Rated for hot and cold potable water to ASTM D-2846.

**Consistent batch quality**
Every batch tested for strength, heat resistance and dimensional accuracy before dispatch.

**Long service life**
Engineered for a long service life in continuous water-carrying applications.

CPVC

# CPVC Plumbing System

ASTM D-2846 · SDR 11 / SDR 13.5 · CTS · 1/2" to 2" (15 mm to 50 mm)

| Product | Standard | Code Prefix | Size lines |
|---|---|---|---|
| CPVC Pipe SDR 11 Class 1 | ASTM D-2846 | CP-CPVC-P11 | 12 |
| CPVC Pipe SDR 13.5 Class 2 | ASTM D-2846 | CP-CPVC-P135 | 12 |
| CPVC Elbow 90° | ASTM D-2846 | CP-CPVC-ELB90 | 6 |
| CPVC Elbow 45° | ASTM D-2846 | CP-CPVC-ELB45 | 6 |
| CPVC Tee | ASTM D-2846 | CP-CPVC-TEE | 6 |
| CPVC F.T.A. | ASTM D-2846 | CP-CPVC-FTA | 6 |
| CPVC M.T.A. | ASTM D-2846 | CP-CPVC-MTA | 6 |
| CPVC Coupler | ASTM D-2846 | CP-CPVC-CPL | 6 |
| CPVC Union | ASTM D-2846 | CP-CPVC-UNI | 6 |
| CPVC End Cap | ASTM D-2846 | CP-CPVC-ECAP | 6 |
| CPVC Reducing Elbow 90° | ASTM D-2846 | CP-CPVC-RELB | 6 |
| CPVC Reducing Tee | ASTM D-2846 | CP-CPVC-RTEE | 6 |
| CPVC Reducer Bushing | ASTM D-2846 | CP-CPVC-RBSH | 6 |
| CPVC Reducer Coupler | ASTM D-2846 | CP-CPVC-RCPL | 6 |
| CPVC Transaction Bush | ASTM D-2846 | CP-CPVC-TBSH | 3 |
| CPVC Cross Tee | ASTM D-2846 | CP-CPVC-XTEE | 3 |
| CPVC Step Over Bend | ASTM D-2846 | CP-CPVC-SOB | 3 |
| CPVC Tank Nipple | ASTM D-2846 | CP-CPVC-TNIP | 8 |
| CPVC Long Bend 90° | ASTM D-2846 | CP-CPVC-LB90 | 5 |
| CPVC Long Plug | ASTM D-2846 | CP-CPVC-LPLG | 3 |
| CPVC Brass Elbow 90° | ASTM D-2846 | CP-CPVC-BELB | 6 |
| CPVC Brass Tee | ASTM D-2846 | CP-CPVC-BTEE | 6 |
| CPVC Brass F.T.A. | ASTM D-2846 | CP-CPVC-BFTA | 8 |
| CPVC Brass M.T.A. | ASTM D-2846 | CP-CPVC-BMTA | 8 |
| CPVC Brass Hex F.T.A. | ASTM D-2846 | CP-CPVC-BHFTA | 5 |
| CPVC Brass Hex M.T.A. | ASTM D-2846 | CP-CPVC-BHMTA | 5 |
| CPVC Ball Valve | ASTM D-2846 | CP-CPVC-BVLV | 9 |
| CPVC Concealed Valve | ASTM D-2846 | CP-CPVC-CVLV | 3 |
| CPVC Non Return Valve | ASTM D-2846 | CP-CPVC-NRV | 6 |
| CPVC 3-in-1 Mixer | - | CP-CPVC-MIX3 | 2 |
| CPVC Pipe Clamp | - | CP-CPVC-CLMP | 12 |
| CPVC Solvent Cement | - | CP-CPVC-SCEM | 5 |

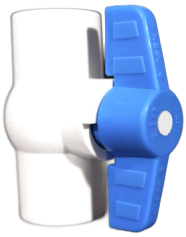


UPVC

# UPVC Plumbing System

**ASTM D-1785 (SCH-40 / SCH-80) · ASTM D-2467**

UPVC pipes to ASTM D-1785 and fittings to ASTM D-2467, for cold water plumbing, swimming pools, aggressive fluid transport and water distribution mains.



UPVC ball valve



UPVC union



UPVC elbow 45

## Size range

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

## Applications

Residential plumbing · Swimming pools · Corrosive fluid transport · Water distribution mains · Industrial process lines

## Why this system

**Corrosion and rust free**
UPVC bore diameter stays constant, unaffected by rust or scale.

**Schedule rated**
Pipes to ASTM D-1785 SCH-40 and SCH-80; fittings to ASTM D-2467 SCH-80.

**Standards compliant**
Manufactured to ASTM D-1785 and ASTM D-2467.

**Consistent flow**
Smooth bore surface sustains flow rate over the life of the line.

**Cost effective**
Lightweight sections reduce transport and installation cost against metal alternatives.

**Easy installation**
Solvent-weld jointing gives a fast, reliable installation on site.

UPVC

# UPVC Plumbing System

ASTM D-1785 (SCH-40 / SCH-80) · ASTM D-2467 · 1/2" to 2" (15 mm to 50 mm)

| Product | Standard | Code Prefix | Size lines |
|---|---|---|---|
| UPVC Pipe SCH-40 | ASTM D-1785 | CP-UPVC-P40 | 12 |
| UPVC Pipe SCH-80 | ASTM D-1785 | CP-UPVC-P80 | 12 |
| UPVC Elbow 90° | ASTM D-2467 | CP-UPVC-ELB90 | 6 |
| UPVC Elbow 45° | ASTM D-2467 | CP-UPVC-ELB45 | 6 |
| UPVC Tee | ASTM D-2467 | CP-UPVC-TEE | 6 |
| UPVC Coupler | ASTM D-2467 | CP-UPVC-CPL | 6 |
| UPVC Union | ASTM D-2467 | CP-UPVC-UNI | 6 |
| UPVC F.T.A. | ASTM D-2467 | CP-UPVC-FTA | 6 |
| UPVC M.T.A. | ASTM D-2467 | CP-UPVC-MTA | 6 |
| UPVC End Cap | ASTM D-2467 | CP-UPVC-ECAP | 6 |
| UPVC Reducer Elbow | ASTM D-2467 | CP-UPVC-RELB | 6 |
| UPVC Reducer Tee | ASTM D-2467 | CP-UPVC-RTEE | 6 |
| UPVC Reducer Coupler | ASTM D-2467 | CP-UPVC-RCPL | 6 |
| UPVC Reducer Bush | ASTM D-2467 | CP-UPVC-RBSH | 6 |
| UPVC Cross Tee | ASTM D-2467 | CP-UPVC-XTEE | 3 |
| UPVC Step Over Bend | ASTM D-2467 | CP-UPVC-SOB | 3 |
| UPVC Tank Nipple | ASTM D-2467 | CP-UPVC-TNIP | 11 |
| UPVC Long Bend 90° | ASTM D-2467 | CP-UPVC-LB90 | 5 |
| UPVC Long Plug | ASTM D-2467 | CP-UPVC-LPLG | 3 |
| UPVC Brass Bush | ASTM D-2467 | CP-UPVC-BBSH | 3 |
| UPVC Brass Elbow 90° | ASTM D-2467 | CP-UPVC-BELB | 6 |
| UPVC Brass Tee | ASTM D-2467 | CP-UPVC-BTEE | 6 |
| UPVC Brass F.T.A. | ASTM D-2467 | CP-UPVC-BFTA | 8 |
| UPVC Brass M.T.A. | ASTM D-2467 | CP-UPVC-BMTA | 8 |
| UPVC Ball Valve | ASTM D-2467 | CP-UPVC-BVLV | 9 |
| UPVC Concealed Valve | ASTM D-2467 | CP-UPVC-CVLV | 3 |
| UPVC Non Return Valve | ASTM D-2467 | CP-UPVC-NRV | 6 |
| UPVC Pipe Clamp | - | CP-UPVC-CLMP | 12 |
| UPVC Solvent Cement | - | CP-UPVC-SCEM | 5 |



SWR

# SWR Drainage System

**IS 13592 · IS 14735**

Soil, waste and rainwater drainage pipes to IS 13592 and fittings to IS 14735, in self-fit and ring-fit joint systems, for residential, commercial and public buildings.



SWR ring fit single tee



SWR ring fit bend 87.5

## Size range

40 mm to 160 mm

## Applications

Drainage | Residential plumbing | Commercial buildings | Public projects

## Why this system

**Leak-proof joints**
Self-fit and ring-fit joint systems designed for a reliable seal without solvent cement.

**UV and impact resistant**
Suitable for exposed rainwater downpipes as well as concealed soil and waste lines.

**Standards compliant**
Manufactured to IS 13592 (pipes) and IS 14735 (fittings).

**High flow rate**
Smooth bore surface resists build-up and supports consistent drainage flow.

**Lightweight handling**
Easy to handle, cut and install on site, reducing labour time.

**Long service life**
Engineered for long-term performance in continuous drainage duty.

SWR

# SWR Drainage System

IS 13592 · IS 14735 · 40 mm to 160 mm

| Product | Standard | Code Prefix | Size lines |
|---|---|---|---|
| SWR Bend 87.5° | IS 14735 | CP-SWR-B875 | 10 |
| SWR Bend 45° | IS 14735 | CP-SWR-B45 | 10 |
| SWR Single Tee | IS 14735 | CP-SWR-STEE | 10 |
| SWR Double Tee | IS 14735 | CP-SWR-DTEE | 10 |
| SWR Single Y | IS 14735 | CP-SWR-SY | 10 |
| SWR Reducing Tee | IS 14735 | CP-SWR-RTEE | 6 |
| SWR Reducer | IS 14735 | CP-SWR-RED | 4 |
| SWR Coupler | IS 14735 | CP-SWR-CPL | 5 |
| SWR Self Fit Pipe Type A | IS 13592 | CP-SWR-SFPA | 14 |
| SWR Self Fit Pipe Type B | IS 13592 | CP-SWR-SFPB | 14 |
| SWR Ring Fit Pipe | IS 13592 | CP-SWR-RFP | 21 |
| SWR P Trap | IS 14735 | CP-SWR-PTRP | 4 |
| SWR Q Trap | IS 14735 | CP-SWR-QTRP | 4 |
| SWR S Trap | IS 14735 | CP-SWR-STRP | 4 |
| SWR Nahani Trap | IS 14735 | CP-SWR-NTRP | 3 |
| SWR Multi Floor Trap | IS 14735 | CP-SWR-MFT | 2 |
| SWR Vent Cowl | IS 14735 | CP-SWR-VCWL | 3 |
| SWR Door Cap | IS 14735 | CP-SWR-DCAP | 3 |
| SWR Back Flow Valve | IS 14735 | CP-SWR-BFV | 3 |
| SWR Sealing Ring | IS 14735 | CP-SWR-RING | 3 |
| SWR Cleansing Pipe | IS 14735 | CP-SWR-CPIPE | 3 |
| SWR Round Jali | IS 14735 | CP-SWR-JALI | 2 |
| SWR Pipe Clip | IS 13592 | CP-SWR-PCLP | 7 |
| SWR Rubber Lubricant | - | CP-SWR-LUB | 2 |



AGRICULTURE

# Agriculture Plumbing System

**IS 4985 · IS 7834**

Agriculture pipes to IS 4985 and fittings to IS 7834, in 4 kg/cm² and 6 kg/cm² pressure classes, for irrigation, drip lines and agricultural water supply.



Agriculture coupler

## Size range

40 mm to 160 mm · 4 kg/cm² and 6 kg/cm²

## Applications

Agriculture and irrigation | Drinking water distribution | Cable ducting | Ventilation lines

## Why this system

**Built for irrigation**
Sized and pressure-rated for drip irrigation, sprinkler lines and field water supply.

**Two pressure classes**
4 kg/cm² and 6 kg/cm² classes to match the head and flow of the installation.

**Standards compliant**
Manufactured to IS 4985 (pipes) and IS 7834 (fittings).

**Light and easy to lay**
Lightweight sections are easy to transport, store and install across field runs.

**Smooth bore flow**
Smooth internal bore sustains flow rate over the working life of the line.

**Field durable**
Resistant to the outdoor conditions typical of agricultural installation.

AGRICULTURE

# Agriculture Plumbing System

IS 4985 · IS 7834 · 40 mm to 160 mm · 4 kg/cm² and 6 kg/cm²

| Product | Standard | Code Prefix | Size lines |
|---|---|---|---|
| Agriculture Pipe 6 kg/cm² | IS 4985 | CP-AGRI-P6 | 8 |
| Agriculture Pipe 4 kg/cm² | IS 4985 | CP-AGRI-P4 | 6 |
| Agriculture Elbow 90° | IS 7834 | CP-AGRI-ELB90 | 12 |
| Agriculture Elbow 45° | IS 7834 | CP-AGRI-ELB45 | 7 |
| Agriculture Tee | IS 7834 | CP-AGRI-TEE | 12 |
| Agriculture End Cap | IS 7834 | CP-AGRI-ECAP | 12 |
| Agriculture Coupler | IS 7834 | CP-AGRI-CPL | 12 |
| Agriculture Reducer Coupler | IS 7834 | CP-AGRI-RCPL | 5 |
| Agriculture Reducer Tee | IS 7834 | CP-AGRI-RTEE | 3 |
| Agriculture M.T.A. | IS 7834 | CP-AGRI-MTA | 6 |
| Agriculture F.T.A. | IS 7834 | CP-AGRI-FTA | 6 |
| Agriculture PVC Solvent Cement | - | CP-AGRI-SCEM | 4 |

CONTACT

# Talk to us about your requirement

We supply global trade partners with complete water systems from one source. Send your sizes, quantities and destination and we will reply with a quotation and pack details.



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## On pricing

No prices are published in this document or on the website. Pricing is quoted per enquiry against your own sizes, quantities and destination.

## Certificates

Test certificates and standards documentation are issued with your confirmed order.

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