

cPVC, uPVC, SWR, AGRI, COLUMN
HDPE, MDPE, & GARDEN
PIPES & FITTINGS
PTMT TAPS

AN ISO 9001 : 2015 CERTIFIED COMPANY

COMET[®]

**FLOW
FOREVER**



www.cometpolyplast.com

ABOUT US...

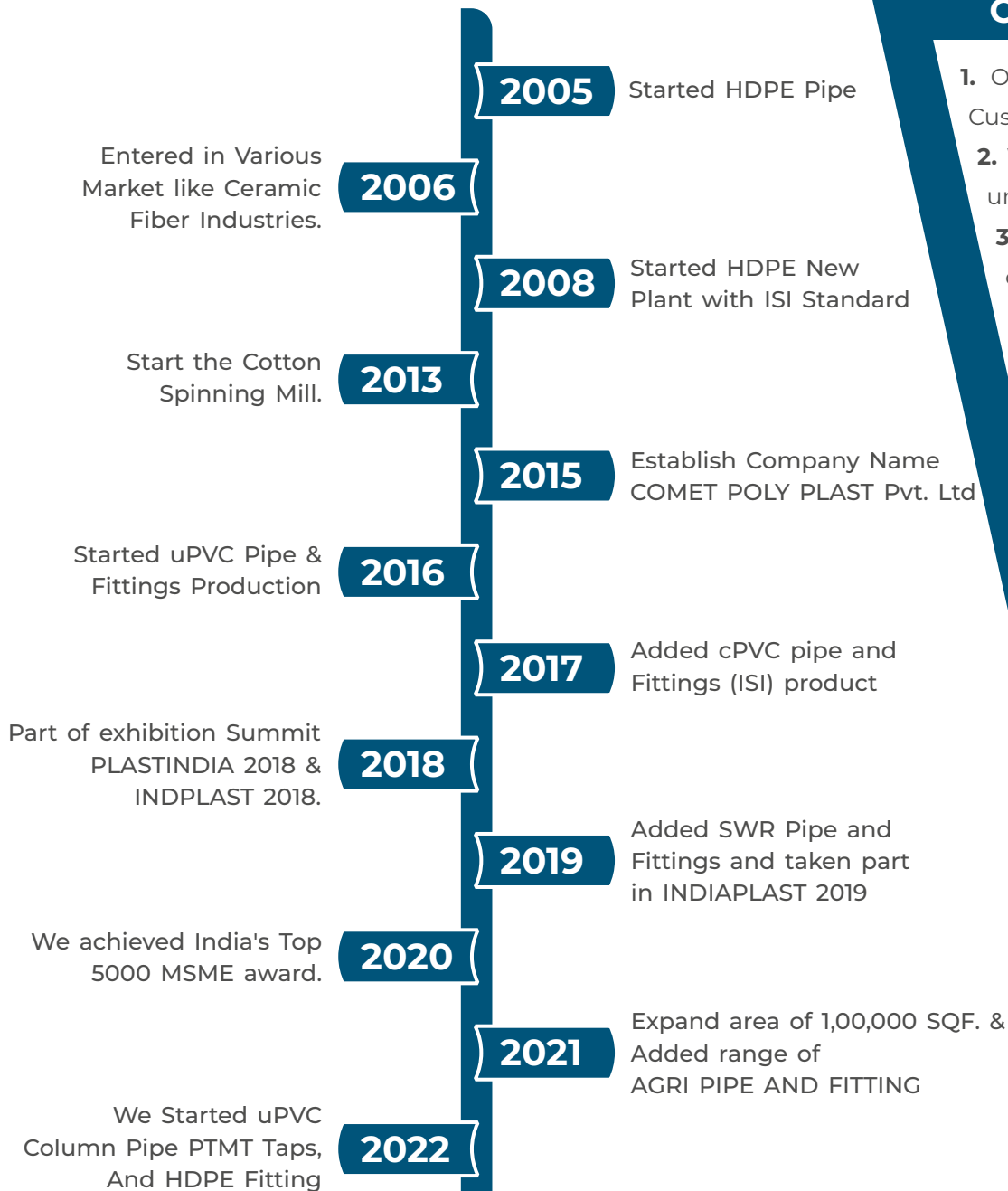
- ▶ COMET POLYPLAST PVT. LTD. was established in 2015 with the aim of manufacturing all kind of plumbing solution in India. Today, we cover the needs of millions of households, while adding extra mileage to India's developing real estate fraternity with the hall mark of unbeaten quality.
- ▶ COMET POLYPLAST PVT. LTD. Aims to be a truly global, high-performing organization delivering quality products and services to its customers and attain leadership position in the industries we operate in At COMET POLYPLAST PVT. LTD., we believe in certain values.

Excellence

- ▶ Be Trendsetters in the industry by delivering exceptional performance.
- ▶ Deliver quality products and services to our customers.
- ▶ Be honest, fair and do the right thing in the right way.
- ▶ Operate in letter and spirit of the highest standards of corporate ethics.
- ▶ Provide products that meet the highest safety standards.
- ▶ COMET POLYPLAST PVT. LTD. is equipped with state-of-art production facilities across the country which enables to meet requirements of various geographies and markets. Our backward integration capabilities for PVC compounding (10000 MT per annum) enables us to become a genuine Indian Manufacturer.
- ▶ Our manufacturing unit across the country have automated material handling and feeding systems. Comet Polyplant Pvt. Ltd. is following An ISO system. Our manufacturing Unit is Located at:
Anandpar, Jamnagar, Gujarat.



THE JOURNEY



Our Mission :

1. Our sophisticated systems and dedication, help us to provide Best Customer services that aligns well with our clients requirements.
2. We are dedicated to providing outstanding service to our customers, and unique products of lasting value that best meets the market needs.
3. We regularly strive for customer satisfaction and committed to conducting all of our business activities in the spirit of fairness and integrity.
4. We always keep ourselves updated with latest technologies which ensures maximum productivity for our clients.
5. With our eminent administrative and quality control team, we aim to dispatch products on the day order is placed.

Vision :

1. At COMET POLY PLAST, we make great efforts to provide premium quality products to meet the customer's expectation.
2. We always thrive to expand our commodity range while maintaining our quality assurance towards our customers.
3. By utilizing the resources optimally, By 2025 we aim to become the leading and most trusted manufacturer of All kind of Plumbing Solution and Bathroom Accessories.

Achiement :



PLASTINDIA
Feb.-2018



INDPLAST
Nov.-2018



INDIAPLAST
Feb.-2019

Production :



Raw Materials :



Mixer :



Lab :



cPVC Plumbing Pipe & Fittings



cPVC Pipes and Fittings

COMET cPVC Pipes and Fittings are manufactured from a specially formulated compound in accordance with Indian Standards

- ▶ The Pipes are made as per ISI and Fittings are made as per ASTM D 2846
- ▶ The Pipes are supplied plain in 3 Meters and 5 Meters Length, in SDR-11 and SDR-13.5 Respectively
- ▶ The Pipes and Fittings are available in 20 mm to 80 mm ($\frac{3}{4}$ " to 3")
- ▶ The Complete Fittings are available in SDR-11 Class

Product Specification

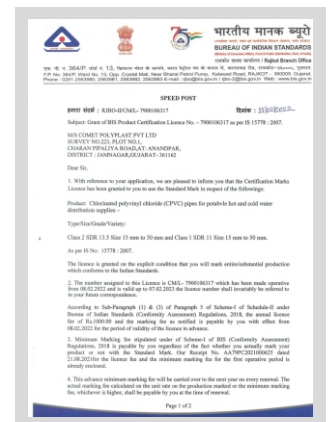
- ▶ **Pipe Standards :** As Per IS:15778:2007 SDR-11, SDR-13.5
- ▶ **Fittings Standards :** As Per ASTM D 2846 SDR - 11
- ▶ **Material :** C-PVC Compound & Granules
- ▶ **Standard Length :** 3 meters Pipes / 5 meters Pipes
- ▶ **Solvent Cement :** Heavy Duty
- ▶ **Colour :** Off White
- ▶ **Pressure Class :** Pipe SDR-11 & SDR-13.5, Fittings SDR-11
- ▶ **Range of Pipes :** From $\frac{3}{4}$ " to 3"
- ▶ **Range of Fittings :** From $\frac{3}{4}$ " to 2"

Lab Tasting

- ▶ Tensile Test
- ▶ Impact Test
- ▶ Effect on Water Test
- ▶ Hydraulic Pressure Test
- ▶ Vicat Softening temperature Test

Nominal Bore	Nominal Size	Nominal Outside Diameter	SDR-11 Wall Thickness		Working Pressure at		SDR-13.5 Wall Thickness		Working Pressure at	
			Minimum	Maximum	27 C	82 C	Minimum	Maximum	27 C	82 C
Inch	mm	mm	mm	mm	Kg/Cm2		mm	mm	Kg/Cm2	
$\frac{1}{2}$	15	15.9	1.7	2.2	28.10	7.0	1.4	1.9	21.80	5.5
$\frac{3}{4}$	20	22.2	2.0	2.5	28.10	7.0	1.7	2.2	21.80	5.5
1	25	28.6	2.6	3.1	28.10	7.0	2.1	2.6	21.80	5.5
$1\frac{1}{4}$	32	34.9	3.2	3.7	28.10	7.0	2.6	3.1	21.80	5.5
$1\frac{1}{2}$	40	41.3	3.8	4.3	28.10	7.0	3.1	3.6	21.80	5.5
2	50	54.0	4.9	5.5	28.10	7.0	4.0	4.6	21.80	5.5

IS : 15778
CML - 7900106317



uPVC Plumbing Pipe & Fittings



uPVC Pipes and Fittings

COMET uPVC Pipes and Fittings are made as per ASTM (American Society for Testing of materials) standards.

- ▶ The Pipes are made as per ASTM D-1785 and Fittings are made as per ASTM D 2467
- ▶ The Pipes are supplied plain in 3 meters and 6 meters length, in SCH 40 and SCH 80 Respectively
- ▶ The Complete Fitting range is available in SCH 80
- ▶ The Pipes and Fittings are available in 15 mm to 85 mm (½" to 3")

Product Specification

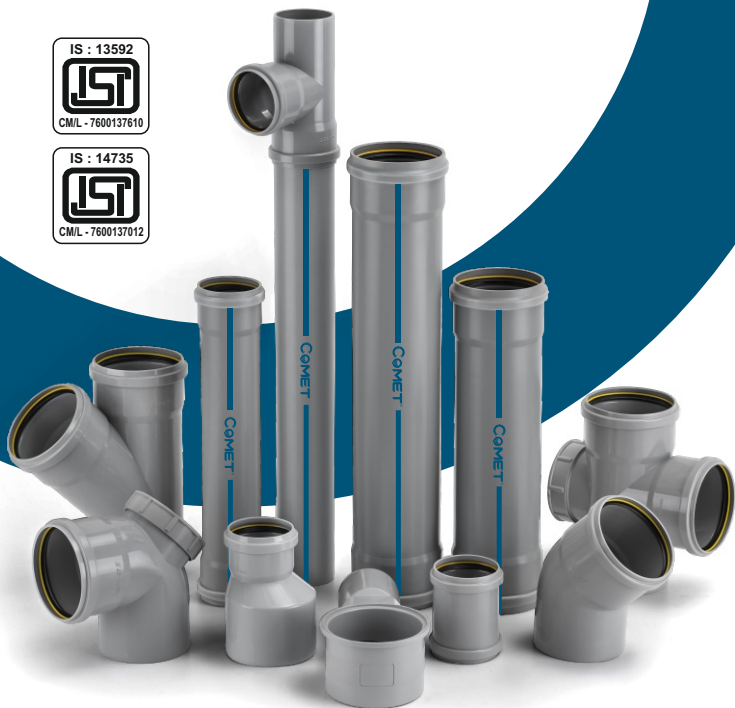
- ▶ **Pipe Standards** : As Per ASTM D 1785 SCH - 40, SCH - 80
- ▶ **Fittings Standards** : As Per ASTM D 2467 SCH - 80
- ▶ **Material** : U-PVC Compound
- ▶ **Standard Length** : 3 meters & 6 meters Pipes
- ▶ **Solvent Cement** : Heavy Duty
- ▶ **Color** : White
- ▶ **Pressure Class** : Pipe SCH-40 & SCH-80, Fittings SCH-80
- ▶ **Range of Pipes** : From ½ " to 3"
- ▶ **Range of Fittings** : From ½ " to 3"

Salient Features & Benefits

- ▶ High Corrosion Resistance
- ▶ Stronger & Light Weight
- ▶ Simple & Leak Proof Joints
- ▶ Maximum Flow Rate
- ▶ Unaffected by Chlorine
- ▶ Safe Material For Drinking Water
- ▶ Chemical Resistance
- ▶ For Cold Water
- ▶ Fire Resistance
- ▶ Maintenance Free
- ▶ UV Stabilized

Nominal Bore	Outside Diameter	SCH - 40			SCH - 80		
		Wall Thickness	Working Pressure		Wall Thickness	Working Pressure	
Inch	mm	mm	mpa	psi	mm	mpa	psi
½	21.34 ± 0.10	2.77 + 0.51	4.14	600	3.73 + 0.51	5.86	850
¾	26.67 ± 0.10	2.87 + 0.51	3.31	480	3.91 + 0.51	4.76	690
1	33.40 ± 0.13	3.38 + 0.51	3.10	450	4.55 + 0.53	4.34	630
1 ¼	42.16 ± 0.13	3.56 + 0.51	2.55	370	4.85 + 0.58	3.59	520
1 ½	48.26 ± 0.15	3.68 + 0.51	2.28	330	5.08 + 0.61	3.24	470
2	60.32 ± 0.15	3.91 + 0.51	1.93	280	5.54 + 0.66	2.76	400
2 ½	73.02 ± 0.18	5.16 + 0.61	2.07	300	7.01 + 0.84	2.90	420
3	88.90 ± 0.20	5.49 + 0.66	1.79	260	7.62 + 0.91	2.55	370
4	114.30 ± 0.23	6.02 + 0.71	1.52	220	8.56 + 1.02	2.21	320

SWR Pipe & Fittings (Soil, Waste & Rain-water)



SWR Pipes and Fittings

COMET SWR Systems include an extensive range of soil, Waste and Rain Water plumbing products for commercial, Industrial, Housing and Public Sector Developments.

- ▶ The Pipes are supplied in 3 meters or 6 meters Length
- ▶ The Pipes and Fitting are available in Rubber Ring Fit And Self Fit (Pasting Type)

Salient Features & Benefits

- ▶ Strong resilient and Light weight
- ▶ High flow rate
- ▶ UV stabilized and chemical resistance
- ▶ Faster and easy installations
- ▶ Impact resistance
- ▶ Non conductive, non flammable and non corrosive

Product Specification Ring Type

- ▶ **Pipe Standards :** As per IS 13592: 2013 TYPE A & TYPE B
- ▶ **Fitting Standards :** As per IS 14735 : 1999
- ▶ **Material :** U-PVC Compound
- ▶ **Standard Length :** Single Socket 03 Mtr (10 ft.) 1.8 Mtr. (6 Ft.), and Double Socket 03 Mtr (10 ft.) 1.8 Mtr. (6 Ft.), 1.2 Mtr. (4 Ft.), 0.9 Mtr (3 Ft.)
- ▶ **Leak-proof Ringfit Joints :** Co-Moulded Ring (PP + TPE material)
- ▶ **Color :** Grey
- ▶ **Range of Pipes :** 75 mm, 90 mm & 110 mm
- ▶ **Range of Fittings :** 75 mm, 90 mm & 110 mm

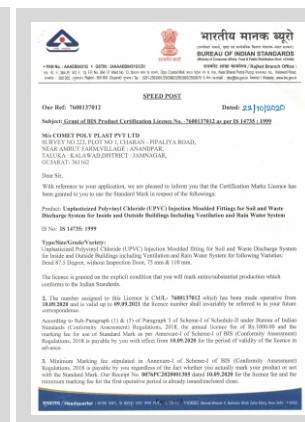
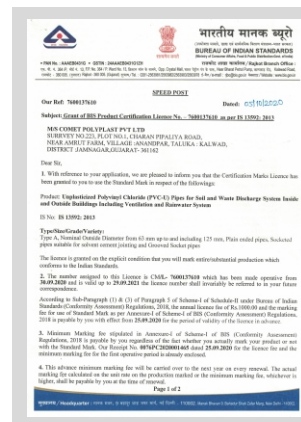
Product Specification Pasting Type

- ▶ **Pipe Standards :** As per IS 13592 : 2013 TYPE A & TYPE B
- ▶ **Fitting Standards :** As per IS 14735 : 1999
- ▶ **Material :** U-PVC Compound
- ▶ **Standard Length :** Single Socket 03 Mtr (10 ft.)
- ▶ **Solvent Cement :** Heavy Duty
- ▶ **Color :** Grey
- ▶ **Range of Pipes :** 40 mm, 50 mm, 63 mm, 75 mm, 90 mm, 110 mm, 125 mm, 140 mm & 160 MM
- ▶ **Range of Fittings :** 75 mm, 90 mm & 110 mm

IS : 13592
CM/L - 7600137610

IS : 14735
CM/L - 7600137012

Pipe Size (mm)	Socket Length	Mean Outside Diameter (mm)		Wall Thickness				Fitting Size (mm)	Wall Thickness at Plain End (mm) Minimum	Wall Thickness at Socket (mm) Minimum c2	Wall Thickness at Socket (mm) Minimum c3	Max. Length of Beading & Neck A	Mini. Neck Length of Socket B	Mini. Length of Beading B	Inside Diameter of Socket at Midpoint (mm)		Outside Diameter of Spigot Portion (mm)	
				Type "A"		Type "B"									Mini.	Maxi.	Mini.	Maxi.
		Mini.	Maxi.	Mini.	Maxi.	Mini.	Maxi.											
40	26.0	40.0	40.3	1.8	2.2	3.2	3.8	75	3.20	2.90	2.40	20	5	25	75.10	76.20	75.0	75.30
50	30.0	50.0	50.3	1.8	2.2	3.2	3.8	110	3.20	2.90	2.40	26	6	32	110.10	111.30	110.0	110.40
63	36.0	63.0	63.3	1.8	2.2	3.2	3.8											
75	40.0	75.0	75.3	1.8	2.2	3.2	3.8											
90	46.0	90.0	90.3	1.9	2.3	3.2	3.8											
11	48.0	110.0	110.4	2.2	2.7	3.2	3.8											
125	51.0	125.0	125.4	2.5	3.0	3.2	3.8											
140	54.0	140.0	140.5	2.9	3.1	3.6	4.2											
160	58.0	160.0	160.5	3.2	3.8	4.0	4.6											



RIGID AGRICULTURE SYSTEM FOR AGRICULTURE SOLUTIONS



Rigid Agriculture System - For Agriculture Solution

AGRICULTURE UPVC Pipes are manufactured in a complete range from 20 mm to 200 mm as defined in IS:4985. The pipes are provided with a plain socket and are suitable for solvent cement jointing. Their main application is in agriculture for water supply & Drip Irrigation.

Rigid Agriculture System - For Agriculture Solution

- Agricultural Piping system
- Telecommunication and Cable ducting
- Sewerage and Waste Lines
- Tubewell
- Underground or Open Line
- Bio Gas Transmission

Product Specification

- **Pipe Standards :** As per standard IS 4985 : 2000
- **Fitting Standards :** As per standard IS 7834 : 1987
- **Material :** U-PVC Compound
- **Standard Length :** 6 meters Pipes
- **Solvent Cement :** Heavy Duty
- **Color :** Grey
- **Range of Pipes :** 20 mm to 200mm(1/2" to 8")
- **Pressure Class :** 2.5 Kg./Cm², 4 Kg./Cm², 6 Kg./Cm², 8 Kg./Cm², 10 Kg./Cm²
- **Range of Fittings :** 20 mm to 160mm(1/2" to 6")
- **Pressure Class :** Available in 6 Kg./CM² , 4Kg./ Cm², 2.5 Kg./Cm²(L.W.)

Lab Testing Pipe

- Drop Impact Test
- Heat Reversion Test
- Vicat Softening Temperature
- Sulphated Ash Content
- Density
- Dimensions
- Opacity To Measure
- Hydrostatic Pressure Test

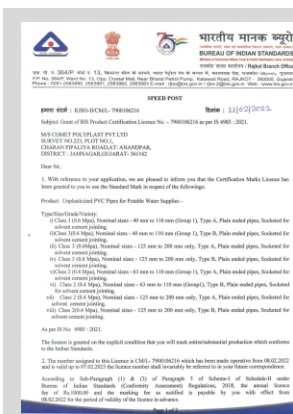
Fitting

- Stress Relief Test
- Dimensions
- Opacity To Measure
- Hydrostatic Pressure Test

**IS : 4985
CML - 7900106216**

**IS : 7834
CML - 7900115318**

Nominal Outside Diameter Normal Size	Socket Length	Mean Outside Diameter		Outside Diameter at Any Point		Wall Thickness								Mean Stock Internal Diameter of Mid Point of Socket Length	
		Min	Max	Min	Max	Class 1/ 0.25 Mpa / 2.5 Kg./Cm ²		Class 2/ 0.40 Mpa / 4.0 Kg./Cm ²		Class 3/ 0.60 Mpa / 6.0 Kg./Cm ²		Class 5/ 1.00 Mpa / 10.0 Kg./Cm ²		Min	Max
40	26.0	40.0	40.3	39.5	40.5	-	-	-	-	1.4	1.8	2.2	2.7	40.1	40.3
50	31.0	50.0	50.3	49.4	50.6	-	-	-	-	1.7	2.1	2.8	3.3	50.1	50.3
63	37.5	63.0	60.3	62.2	63.8	-	-	1.5	1.9	2.2	2.7	3.5	4.1	63.1	63.3
75	43.5	75.0	75.3	74.1	75.9	-	-	1.8	2.2	2.6	3.1	4.2	4.9	75.1	75.3
90	51.0	90.0	90.3	88.9	91.1	1.3	1.7	2.1	2.6	3.1	3.7	5.0	5.7	90.	90.3
11	61.0	110.0	110.4	108.6	111.4	1.6	2.0	2.5	3.0	3.7	4.3	6.1	7.1	110.1	110.4
125	68.5	125.0	125.4	123.5	126.5	1.8	2.2	2.9	3.4	4.3	5.0	6.9	8.0	125.1	125.4
140	76.0	140.0	140.5	138.3	141.7	2.0	2.4	3.2	3.8	4.8	5.5	7.7	8.9	140.2	140.5
160	86.0	160.0	160.5	158.0	162.0	2.3	2.8	3.7	4.3	5.4	6.2	8.8	10.2	160.2	160.5
180	96.0	180.0	180.6	177.8	182.2	2.6	3.1	4.2	4.9	6.1	7.1	9.9	11.4	180	180.5
200	106.0	200.0	200.6	197.6	202.4	2.9	3.4	4.6	5.3	6.8	7.9	11.0	12.7	200.3	200.6







uPVC COLUMN PIPE



uPVC Column Pipes

Comet PVC-U column pipes are suitable for water extraction from the bore wells. These pipes are uniquely designed and manufactured using lead free compound on highly advanced, state-of-the-art CNC machines. Comet column pipes have been designed to withstand system load comprising the weight of the pump, water and pipes with an adequate factor of safety.

Comet offers column pipes in coupler end and bell end variants in standard lengths 3 meters. These pipes are available in sizes between 25 to 100 mm (1" to 4") diameter with a full range of pressure ratings in Elite, Medium, Standard and Heavy types as per requirement based on installation depth up to 300 meters. A high torque resistant locking system and a specially designed rubber "O" ring ensure trouble-free operation.

CLASS	Printing Color
ELITE	
MEDIUM	
STANDARD	
HEAVY	

COLUMN PIPES MAX DEPTH (IN FEET'S)

Size (Inch)	1"	1¼"	1½"	2"	2½"	3"	4"
Size (MM)	25	32	40	50	65	80	100
ELITE	150	150	150	150	-	-	-
MEDIUM	250	250	250	250	250	250	250
STANDARD	400	400	400	400	400	400	400
HEAVY	-	-	600	600	600	600	600

COLUMN PIPES PRESSURE CAPACITY (IN Kg/Cm²)

Size (Inch)	1"	1¼"	1½"	2"	2½"	3"	4"
Size (MM)	25	32	40	50	65	80	100
ELITE	12.5 kg	12.5 kg	12.5 kg	12.5 kg	-	-	-
MEDIUM	15 kg	15 kg	15 kg	15 kg	15 kg	15 kg	15 kg
STANDARD	20 kg	20 kg	20 kg	20 kg	20 kg	20 kg	20 kg
HEAVY	-	-	30 kg	30 kg	30 kg	30 kg	30 kg

PTMT Taps



PTMT Taps

About With the belief in constant Innovation and to keep up with the changing society COMET has entered into the Bath Accessories Range, we are offering a wide and comprehensive range of PTMT Taps Omega and Standard Series that suit all needs.

These products are developed with worldwide quality standards utilizing the highest quality standards inputs and innovative technology. PTMT plastic taps are made from Polytetra Methylene Terephthalate (PTMT). The material was launched in India in the last decade, and since then, it has grown into the most preferred material for plastic taps.

The major benefit of PTMT is that it combines the advantages of both plastics and metals. It is considered an engineered plastic; thus, it offers a lot of benefits in terms of durability and function of the material.

Bib Cock



**Long Body
Bib Cock**



Pillar Cock



Angle Cock



HDPE Pipe

(Agriculture Water Supply)



HDPE Pipe

Comet HDPE Pipes are manufactured as per specification no. IS: 4984 of Indian Standards.

- ▶ The Pipes are available in PE-63, PE-80 & P-100 Grade Material.
- ▶ The Pipes Pressure Class are Available in 2, 2.5, 3.2, 4, 5, 6, 8, 10, 12.5, 16 & 20 Kgf/cm².
- ▶ The Pipe Sizes are Available in 20 mm to 200 mm. (1/2" to 8").
- ▶ The Length Available as per pipe size in coil form upto 6 mtr to 500 mtr.

Application

Comet HDPE Pipe are Extremely useful in Water Supply, Drip Irrigation, Industries Pesticide Dispersal, Sewerage / Drainage in Urban and Rural area, Sand Drawing water from Dams, canal, etc. And Borewell for water Distribution.

Color

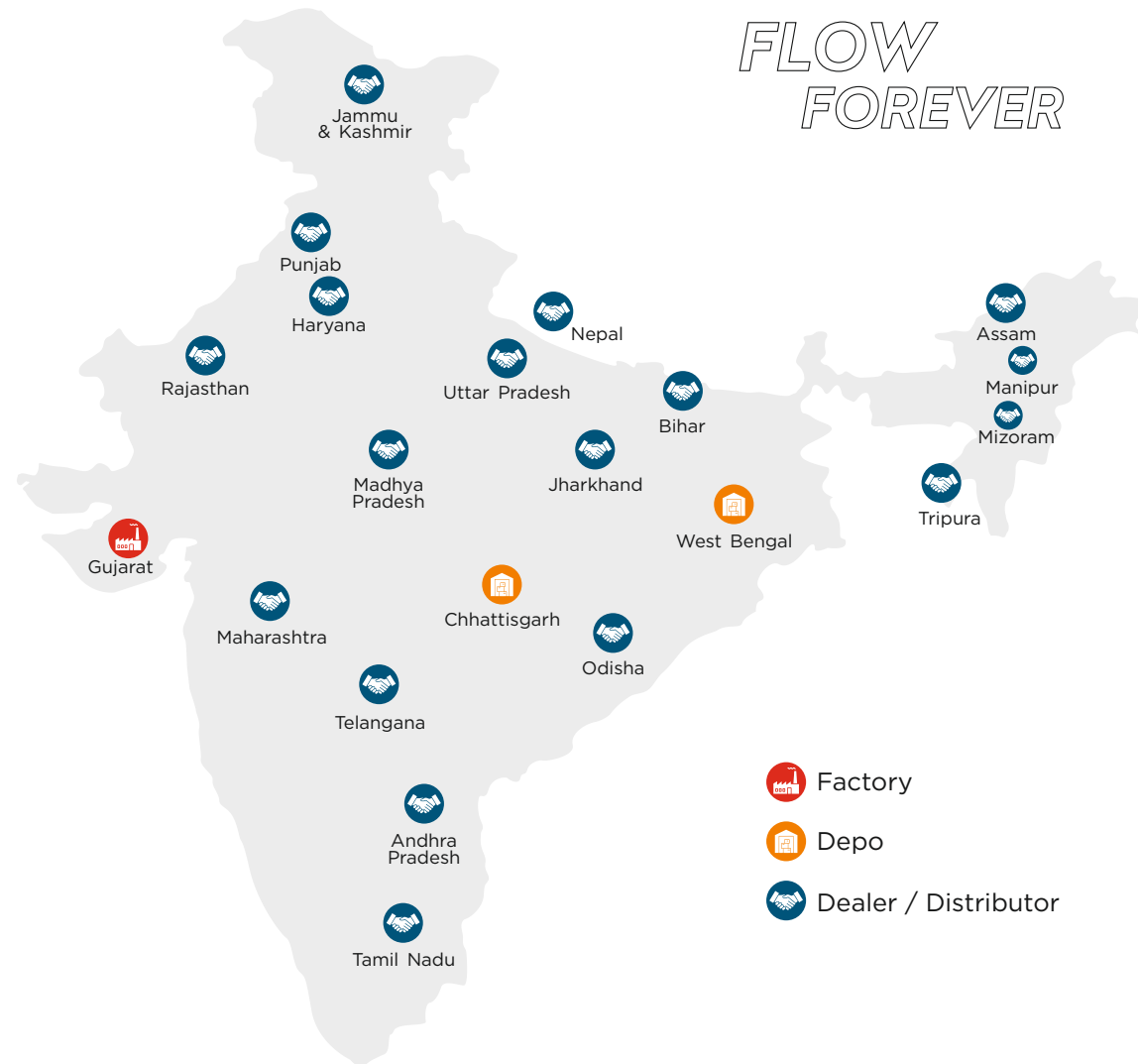
Features and Benefits

- **Black**
- **Orange**
- **Blue**

- ▶ Ideal for Portable water Supply.
- ▶ Light in Weight and Easy to Carry as Compared to GI & MS Pipes.
- ▶ Flexibility Ensures smooth installation and trouble free Functioning.
- ▶ Low Installation Cost, Joins easily and Leak Proof.
- ▶ Excellent Corrosion and Chemical Resistance.
- ▶ Inert to Most Acidic and Alkaline Solutions.
- ▶ Good Elasticity & Strength Property.
- ▶ Smooth Inner walls minimize frictional losses.
- ▶ Extended Service Life.






Follow Us :  



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Dist. Jamnagar-361 162.

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