



Precision Pipes for  
**High-Performance**  
Infrastructure.

AUTHORISED CHANNEL PARTNER



**khalifa**  
trade & impex







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# About Us

## Empowering Every Drop, Connecting Every Corner

Founded in 2018 in Rajkot, Gujarat, Teraflow Pipes is a quality-driven manufacturer and exporter of HDPE, MDPE, Sprinkler, and Duct pipes. With a commitment to precision, innovation, and sustainability, we serve a wide range of sectors including water supply, infrastructure, and telecom across India and international markets.

Our strength lies in certified manufacturing, dedicated R&D, and a customer-first approach that delivers piping solutions built to last.

## Mission

To engineer and deliver durable piping systems that support agriculture, water management, and infrastructure — with precision, quality, and care.

## Vision

To be a globally recognized brand in piping solutions, enabling progress through reliable, innovative, and sustainable infrastructure

## Core Values

We uphold integrity, drive innovation, ensure quality, prioritize customer focus, embrace sustainability, foster teamwork and strive for excellence in everything we do.

## Founding Partners



Darshanbhai Patel



Piyushbhai Patel



Pratikbhai Patel

Their collective vision drives our excellence and global growth.

## Global Export Presence

We proudly serve customers in:



South Africa



Europe



Iraq



Nepal



UAE



Bhutan



Australia



Sri Lanka



Saudi Arabia



# Infrastructure & Facilities

Strategically located near NH-27 at Ribda & our facility includes:

- Advanced extrusion lines
- Coiling, packaging and loading units
- In-house QC lab
- Custom & bulk manufacturing capacity
- Streamlined logistics & warehousing

# Certifications & Standards



Registered  
Trademark

IS 4984 : 2016



CM/L : 7600150408

IS 17425 : 2020



CM/L : 7600164815

IS 13488 : 2016



CM/L : 7600143613



9001:2015



## Quality Commitment

**Our in-house lab ensures every pipe undergoes strict testing:**

- Hydrostatic pressure testing
- Dimensional and wall thickness analysis
- Environmental stress crack resistance
- Melt Flow Index (MFI) testing
- Tensile strength & UV resistance

**We deliver products that meet or exceed ISI & ISO benchmarks.**

## Sustainability Initiatives

- Recyclable raw material usage
- Power-efficient production systems
- Water-saving and waste-minimizing practices
- Eco-conscious logistics and packaging

**We strive to build sustainable infrastructure for a greener tomorrow.**

## Innovation and R&D

**Our technical team is focused on:**

- Application-specific pipe design
- Lightweight & high-strength materials
- Customized dimensions for varied industry needs
- Innovations in coiling, flexibility and installation efficiency



# HIGH DENSITY PIPE'S

BUILDING  
A BETTER WORLD

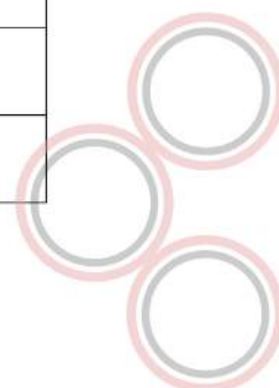


## HDPE PIPES

We are specialize in manufacturing HDPE (High-Density Polyethylene) pipes for water supply, sewage and industrial applications. Backed by a production capacity of 2,506.50 metric tonnes per annum, fully automated world-class machinery and a high-profile Q.C. & Q.A. laboratory. We ensure products that are strong, flexible, durable and meet the highest quality standards.



| Component            | Specification                   |
|----------------------|---------------------------------|
| Density              | 0.941 – 0.965 g/cm <sup>3</sup> |
| Tensile Strength     | 20 – 37 MPa                     |
| Elongation at Break  | 600%                            |
| Working Temperature  | -40°C to +60°C                  |
| Thermal Conductivity | 0.45 W/m·K                      |



### Accessories

- PE-63
- PE-80
- PE-100
- Based on material strength classification
- Coiled or Straight Lengths

### Advantages of HDPE Pipes

- Corrosion and chemical resistant
- Leak-free joints (via butt fusion, electrofusion, or compression fittings)
- Flexible and impact-resistant
- Long service life (> 50 years)
- Light weight and easy to transport/install
- Low maintenance

### Available Sizes

- Diameter: 20 mm to 200 mm
- Pressure Ratings: PN 6 to PN 20
- Standards: IS 4984:2016 (India)
- CM/L. NO. 7600150408
- ISO 9001:2015

## BRAND NAME

| BRAND NAME     | GRADE    | MATERIAL                |
|----------------|----------|-------------------------|
| TERAFLOW       | PE - 100 | First Virgin            |
| TERAFLOW GOLD  | PE - 80  | Second Virgin           |
| TERAFLOW GOLD  | PE - 63  | Second Virgin           |
| TERAFLOW SUPER | PE - 80  | Second Virgin + Next to |
| TERAFLOW DELUX | PE - 80  | Semi Next to            |

## APPLICATIONS OF HDPE PIPES

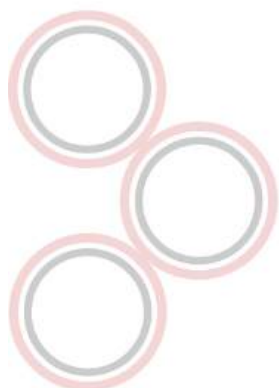
|                              |                                         |
|------------------------------|-----------------------------------------|
| HDPE Potable water supply    | Firefighting networks                   |
| Sewer and stormwater systems | Infrastructure piping systems           |
| Agricultural irrigation      | Electrical and telecommunication cables |
| Industrial piping systems    | Municipal and rural water pipelines     |
| Submersible pipeline         | House connections for water supply      |
| Coal handling mines          | Chemical lines                          |
| Graded Water Supply          | Marine outfalls                         |

## STANDARD PE & PN

| Borewell Depth | Recommended PE Grade | Pressure Rating (PN) |
|----------------|----------------------|----------------------|
| 0-150 ft       | PE 63 or PE 80       | PN 6-8               |
| 150-300 ft     | PE 80 or PE 100      | PN 8-10              |
| 300-600 ft     | PE 80 or PE 100      | PN 12.50             |
| 600-900 ft     | PE 80 or PE 100      | PN 16                |
| 900 - 2000 ft  | PE 80 or PE 100      | PN 20                |

## STANDARD LENGTH FOR VARIOUS SIZES

| SIZE (mm)      | Coil Form Length (mtr.)   | Straight Form Length (mtr.) |
|----------------|---------------------------|-----------------------------|
| 20mm To 50mm   | 100, 200, 300, 500 & 1000 | -----                       |
| 63mm To 75mm   | 100, 200, & 300           | -----                       |
| 90mm To 110mm  | 50, 100, & 150            | 6 TO 12                     |
| 125mm To 140mm | 50, 100, & 125            | 6 TO 12                     |
| 160mm To 200mm | -----                     | 6 TO 12                     |



# HDPE Pipe Thickness & Weight

| SDR           |                          |        |                    | SDR 21 |       |        | SDR 17 |       |        | SDR 13.6 |       |        |
|---------------|--------------------------|--------|--------------------|--------|-------|--------|--------|-------|--------|----------|-------|--------|
| PE 63         |                          |        |                    | -----  |       |        | PN 5   |       |        | PN 6     |       |        |
| PE 80         |                          |        |                    | -----  |       |        | PN 6   |       |        | PN 8     |       |        |
| PE 100        |                          |        |                    | PN 6   |       |        | PN 8   |       |        | PN 10    |       |        |
| Nominal<br>OD | Mean Outside<br>Diameter |        | Maximum<br>Ovality | Min.   | Max.  | Weight | Min.   | Max.  | Weight | Min.     | Max.  | Weight |
|               | Min.                     | Max.   |                    |        |       |        |        |       |        |          |       |        |
| 20            | 20.00                    | 20.30  | 1.20               | --     | --    | --     | --     | --    | --     | --       | --    | --     |
| 25            | 25.00                    | 25.30  | 1.20               | --     | --    | --     | --     | --    | --     | 2.00     | 2.30  | 0.147  |
| 32            | 32.00                    | 32.30  | 1.30               | --     | --    | --     | 2.00   | 2.30  | 0.191  | 2.40     | 2.80  | 0.228  |
| 40            | 40.00                    | 40.40  | 1.40               | --     | --    | --     | 2.40   | 2.80  | 0.290  | 3.00     | 3.40  | 0.351  |
| 50            | 50.00                    | 50.40  | 1.40               | --     | --    | --     | 3.00   | 3.40  | 0.447  | 3.70     | 4.20  | 0.543  |
| 63            | 63.00                    | 63.40  | 1.50               | --     | --    | --     | 3.80   | 4.30  | 0.712  | 4.70     | 5.30  | 0.865  |
| 75            | 75.00                    | 75.50  | 1.60               | --     | --    | --     | 4.50   | 5.10  | 1.005  | 5.60     | 6.30  | 1.226  |
| 90            | 90.00                    | 90.60  | 1.80               | --     | --    | --     | 5.30   | 6.00  | 1.422  | 6.70     | 7.50  | 1.756  |
| 110           | 110.00                   | 110.70 | 2.20               | 5.30   | 6.00  | 1.759  | 6.50   | 7.30  | 2.122  | 8.10     | 9.10  | 2.601  |
| 125           | 125.00                   | 125.80 | 2.50               | 6.00   | 6.70  | 2.247  | 7.40   | 8.30  | 2.743  | 9.20     | 10.30 | 3.352  |
| 140           | 140.00                   | 140.90 | 2.80               | 6.70   | 7.50  | 2.815  | 8.30   | 9.30  | 3.444  | 10.30    | 11.50 | 4.198  |
| 160           | 160.00                   | 161.00 | 3.20               | 7.70   | 8.60  | 3.692  | 9.50   | 10.60 | 4.495  | 11.80    | 13.10 | 5.480  |
| 180           | 180.00                   | 181.10 | 3.60               | 8.60   | 9.60  | 4.639  | 10.60  | 11.80 | 5.640  | 13.30    | 14.80 | 6.955  |
| 200           | 200.00                   | 201.20 | 4.00               | 9.60   | 10.70 | 5.748  | 11.80  | 13.10 | 6.965  | 14.80    | 16.40 | 8.581  |



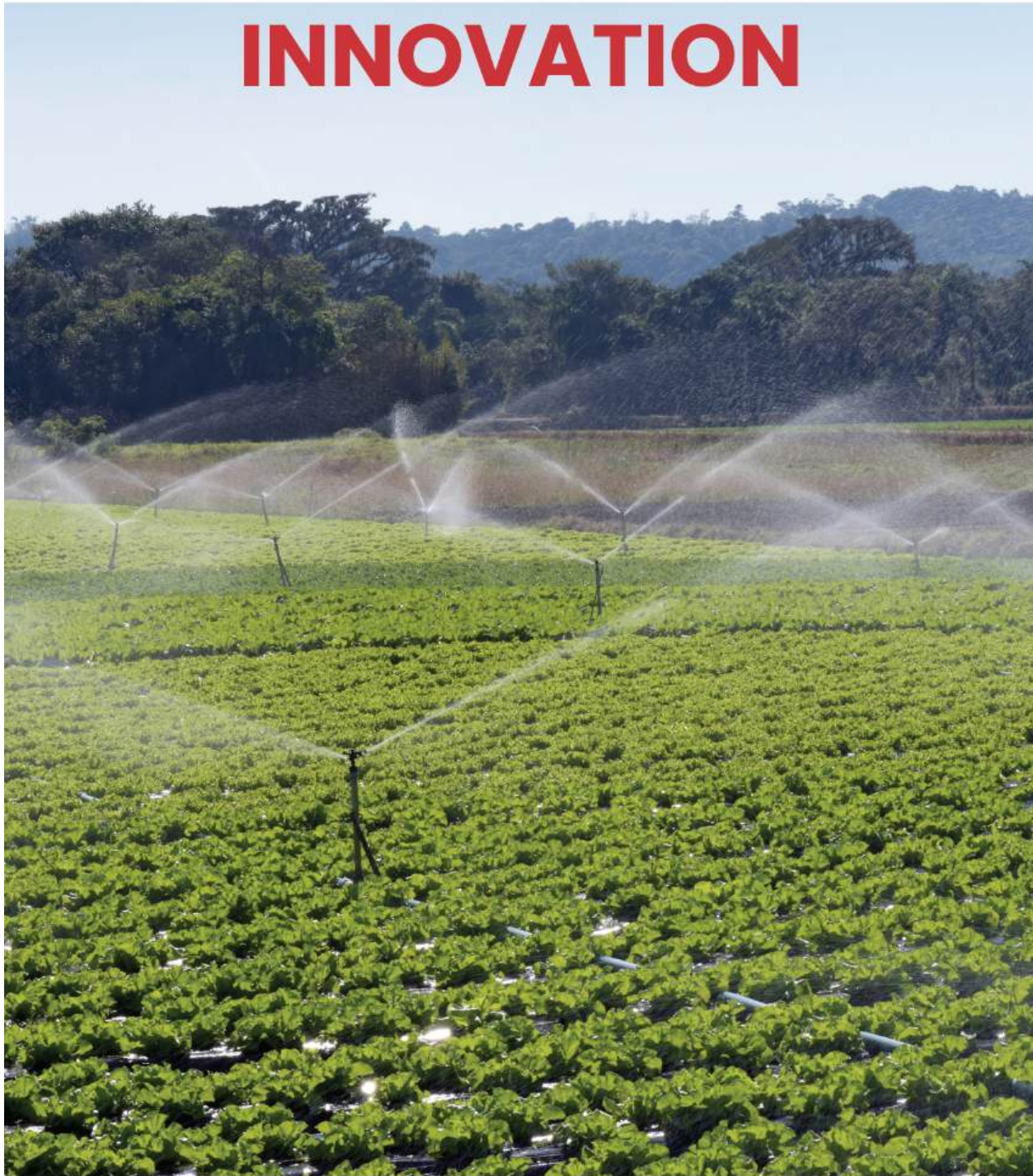
## Chart as per IS : 4984 – 2016

| SDR 11  |       |        | SDR 9   |       |        | SDR 7.4 |       |        | SDR 6 |       |        |
|---------|-------|--------|---------|-------|--------|---------|-------|--------|-------|-------|--------|
| PN 8    |       |        | ----    |       |        | ----    |       |        | ----  |       |        |
| PN 10   |       |        | PN 12.5 |       |        | PN 16   |       |        | PN 20 |       |        |
| PN 12.5 |       |        | PN 16   |       |        | PN 20   |       |        | ----  |       |        |
| Min.    | Max.  | Weight | Min.    | Max.  | Weight | Min.    | Max.  | Weight | Min.  | Max.  | Weight |
| 2.00    | 2.30  | 0.114  | 2.30    | 2.70  | 0.131  | 2.80    | 3.20  | 0.152  | 3.40  | 3.90  | 0.178  |
| 2.30    | 2.70  | 0.168  | 2.80    | 3.20  | 0.197  | 3.40    | 3.90  | 0.232  | 4.20  | 4.80  | 0.275  |
| 3.00    | 3.40  | 0.275  | 3.60    | 4.10  | 0.323  | 4.40    | 5.00  | 0.383  | 5.40  | 6.10  | 0.450  |
| 3.70    | 4.20  | 0.425  | 4.50    | 5.10  | 0.504  | 5.50    | 6.20  | 0.596  | 6.70  | 7.50  | 0.697  |
| 4.60    | 5.20  | 0.659  | 5.60    | 6.30  | 0.782  | 6.80    | 7.60  | 0.919  | 8.40  | 9.40  | 1.091  |
| 5.80    | 6.50  | 1.043  | 7.00    | 7.80  | 1.227  | 8.60    | 9.60  | 1.463  | 10.50 | 11.70 | 1.718  |
| 6.90    | 7.70  | 1.474  | 8.40    | 9.40  | 1.755  | 10.20   | 11.40 | 2.068  | 12.50 | 13.90 | 2.433  |
| 8.20    | 9.20  | 2.110  | 10.00   | 11.10 | 2.500  | 12.20   | 13.60 | 2.967  | 15.00 | 16.60 | 3.497  |
| 10.00   | 11.10 | 3.130  | 12.30   | 13.70 | 3.762  | 14.90   | 16.50 | 4.416  | 18.40 | 20.40 | 5.243  |
| 11.40   | 12.70 | 4.060  | 13.90   | 15.40 | 4.822  | 16.90   | 18.70 | 5.692  | 20.90 | 23.10 | 6.759  |
| 12.80   | 14.20 | 5.094  | 15.60   | 17.30 | 6.063  | 19.00   | 21.00 | 7.159  | 23.40 | 25.90 | 8.482  |
| 14.60   | 16.20 | 6.643  | 17.80   | 19.70 | 7.900  | 21.70   | 24.00 | 9.348  | 26.70 | 29.50 | 11.056 |
| 16.40   | 18.20 | 8.396  | 20.00   | 22.10 | 9.981  | 24.40   | 27.00 | 11.829 | 30.00 | 33.10 | 13.971 |
| 18.20   | 20.20 | 10.355 | 22.30   | 24.70 | 12.373 | 27.10   | 30.00 | 14.601 | 33.40 | 36.90 | 17.285 |





WHERE WATER MEETS  
**INNOVATION**



## SPRINKLER PIPES & SYSTEM

Agricultural sprinkler pipes are used to convey water under pressure from a pump or water source to sprinkler heads in open fields or greenhouses for irrigation.

| Component          | Specification                                                         |
|--------------------|-----------------------------------------------------------------------|
| Brand Name         | Teraflow Sprinkler                                                    |
| Main Pipe          | HDPE 63 mm to 110 mm                                                  |
| Working Pressure   | Class-1 (2.5kg/cm <sup>2</sup> ) to Class-2 (3.2 kg/cm <sup>2</sup> ) |
| Sprinkler Clamp    | M.S Clamp / S.S Clamp / K.P. Clamp                                    |
| Standard Approvals | ISI 17425:2020                                                        |
| CM/L NO.           | 7600164815                                                            |

### Accessories

- M.S Clamp / S.S Clamp / K.P. Clamp
- Risers pipe
- Sprinkler Nozzles (Brass / Plastic)
- Rain Gun
- Foot batten with clamp & Rubber Ring
- End Caps / Tee / Band
- PCN With Male & Female

### Advantages of Using Sprinkler Irrigation

- Water savings up to 30–50%
- Uniform water distribution
- Suitable for undulating terrain
- Supports fertigation and pesticide spraying
- Increases yield and quality
- 3Yrs. Guarantee

### Nozzles Flow

- Rain Gun Throw Round 100. Feet
- Brass Nozzles Throw Round 20. Feet
- Plastic Nozzles Throw Round 20. Feet
- 8 to 10 sprinkler nozzles on a 5HP motor (So. you can fit)
- 14 to 16 sprinkler nozzles on a 7.5HP motor (So you can fit)



## STORAGE

The following points are to be observed while storing the sprinkler equipment during the off season:

- Remove the sprinklers and store in a cool & dry place.
- Remove the rubber sealing rings from the couplers and fittings and store them in a cool & dark place.
- The pipes can be stored outdoors in which case they should be placed in racks with one end higher than the other. Do not store pipes along with fertilizer.
- Disconnect the suction and delivery pipe-work from the pump and pour in a small quantity of medium grade oil. Rotate the pump for a few minutes. Blank the suction and delivery branches. This will prevent the pump from rusting. Grease the shaft.
- Protect the electric motor from the ingress of dust, dampness and rodents.

## THICKNESS & WEIGHT CHART AS PER IS 17425 : 2020

| IS 17425 : 2020 |                       |        |               | Class - 1               |      |        | Class - 2               |      |        |
|-----------------|-----------------------|--------|---------------|-------------------------|------|--------|-------------------------|------|--------|
|                 |                       |        |               | 0.25 Mpa                |      |        | 0.32 Mpa                |      |        |
|                 |                       |        |               | 2.5 Kgs/Cm <sup>2</sup> |      |        | 3.2 Kgs/Cm <sup>2</sup> |      |        |
| Nominal OD      | Mean Outside Diameter |        | Maxi. Ovality | Min.                    | Max. | Weight | Min.                    | Max. | Weight |
|                 | Min.                  | Max.   |               |                         |      |        |                         |      |        |
| 63              | 63.00                 | 63.60  | 1.50          |                         |      |        | 2.00                    | 2.40 | 0.399  |
| 75              | 75.00                 | 75.70  | 1.60          | 2.00                    | 2.40 | 0.478  | 2.50                    | 2.90 | 0.582  |
| 90              | 90.00                 | 90.80  | 1.80          | 2.20                    | 2.60 | 0.627  | 2.90                    | 3.40 | 0.816  |
| 110             | 110.00                | 111.00 | 2.20          | 2.70                    | 3.20 | 0.942  | 3.40                    | 3.90 | 1.158  |

## RESPONSE OF DIFFERENT CROPS TO SPRINKLER IRRIGATION

| Crops       | Water Saving | Yield Increase |
|-------------|--------------|----------------|
| Bajra       | 56%          | 19%            |
| Barley      | 56%          | 16%            |
| Bhindi      | 28%          | 23%            |
| Cabbage     | 40%          | 3%             |
| Cauliflower | 35%          | 12%            |
| Chillies    | 33%          | 24%            |
| Cotton      | 36%          | 50%            |
| Garlic      | 28%          | 6%             |
| Gram        | 69%          | 57%            |
| Groundnut   | 20%          | 40%            |
| Jowar       | 55%          | 34%            |
| Maize       | 41%          | 36%            |
| Sunflower   | 33%          | 20%            |

Source : INCID (1998) adapted from Table 6.5

## SPRINKLER FITTING





CONNECTING  
NETWORKS,  
**SECURING  
FUTURES**

# HDPE PLB DUCT PIPES

HDPE PLB duct pipes offer high flexibility, strength and UV resistance making them ideal for telecom and fiber optic cable protection.

### Applications

- Fiber optic cable laying for telecom
- Internet data cable infrastructure
- Underground cable conduits
- CCTV or traffic signal cabling
- Railways and metro communication systems
- Smart city and IoT network deployments

### Features

- Low friction inner wall for easy cable blowing.
- High crush resistance and flexibility.
- Weather & UV resistant (with UV-stabilized variants).
- Corrosion free, long service life.
- Custom colors and stripes for identification.
- Lightweight & easy to handle.

| Parameter             | Specification                                                    |
|-----------------------|------------------------------------------------------------------|
| Brand Name            | Teraflow Duct pipe                                               |
| Material              | HDPE (Virgin Grade, PE 63/80/100)                                |
| Standard              | ISO 9001 : 2015                                                  |
| Diameter Range        | 20mm, 25mm, 32 mm, 40 mm, 50 mm, OD                              |
| Color                 | Orange, Green, Blue, Red, Black, Yellow, (or as per requirement) |
| Inner Coating         | Silicone-based permanent lubricant                               |
| Length                | 500 m to 1000 m coils (or as per requirement)                    |
| Operating Temperature | -10°C to +60°C                                                   |
| Pressure Rating       | PN 6 to PN 10 (varies with thickness)                            |





Har Ghar Jal  
Jal Jeevan Mission

 **TERAFLOW**<sup>®</sup>  
PIPES



HAR GHAR JAL  
**JAL JEEVAN  
MISSION**

## MDPE PIPES

MDPE (Medium Density Polyethylene) pipes are commonly used in water supply and industrial applications due to their flexibility, strength and corrosion resistance.



| Color          | Coding          |
|----------------|-----------------|
| Application    | Stripe Colour   |
| Portable Water | Blue & Black    |
| Industrial Use | As Your Request |

### Applications

- Water Supply Pipelines
- Irrigation systems
- Industrial piping systems
- Cable ducting
- Housing Societies
- Har Ghar Jal Jivan Mission
- Graded Water Supply

### Specification

- PE-63
- PE-80
- PE-100
- Based on material strength classification
- Diameter: 16 mm to 200 mm
- Pressure Ratings: PN 6 to PN 20
- Working Temperature: -40°C to +60°C
- ISO: 9001:2015
- Brand Name: Teraflow MDPE Pipe.

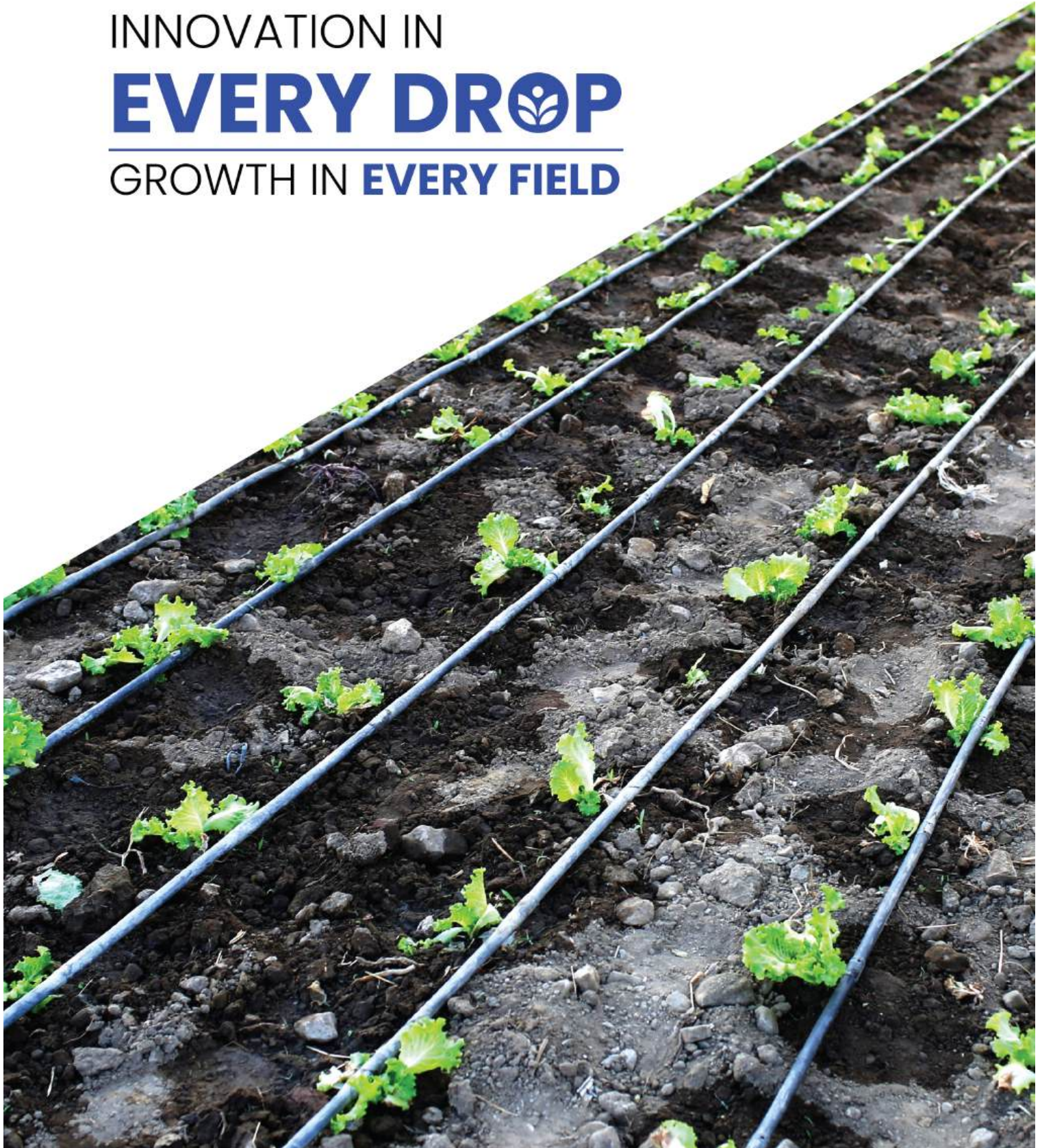
### Advantage

- High impact and crack resistance
- Flexible and lightweight
- Corrosion and chemical resistant
- Leak-free joints (via electrofusion or butt fusion)
- Suitable for underground installations





INNOVATION IN  
**EVERY DROP**  
GROWTH IN **EVERY FIELD**



## DRIP IRRIGATION SYSTEM

Drip agriculture, also known as drip irrigation, is a highly efficient method of delivering water directly to the root zone of plants, drop by drop. It is widely used in agriculture, horticulture and landscape gardening specially in water-scarce areas.



| Technical Property |  | Value           | Material      |
|--------------------|--|-----------------|---------------|
| Brand Name         |  | Dhartiflow Drip | HDPE Material |
| Diameter           |  | 16 mm, 20 mm    | LDPE Material |
| Pipes Type         |  | Flat & Round    |               |
| Standards          |  | IS 13488:2016   |               |
| CM/L. NO.          |  | 7600143613      |               |



## HOW TO SET UP

If you're interested in installing an Irrigation system, there are a few things you'll need to do:

- Determine the size of your system: The size of your system will depend on the size of your garden or field, the type of plants you are growing, and your climate.
- Choose the right emitters: The type of emitters you choose will depend on the type of plants you are growing and the type of soil you have.
- Install the tubing: The tubing should be installed so that it reaches all of your plants.
- Connect the emitters to the tubing: The emitters should be connected to the tubing using special connectors.
- Connect the tubing to the water source: The tubing should be connected to the water source using a hose or pipe.

Once your system is set up, you'll need to do a little maintenance to keep it running smoothly. This includes:

- Cleaning the emitters: The emitters can clog up over time, so you'll need to clean them periodically.
- Checking for leaks: Check your system regularly for leaks and repair them as needed.
- Draining the system: If you live in a climate with freezing temperatures, you'll need to drain your system before winter to prevent the pipes from bursting.
- Irrigation is a great way to save water and improve the health of your plants. If you're looking for a more efficient and sustainable way to water your garden.

| Crop Suitability |                   |
|------------------|-------------------|
| Vegetables       | Fruits            |
| Cash Crops       | Flowers           |
| Spices           | Oilseeds & Pulses |
| Garden           | -----             |



## ADVANTAGES OF DRIP IRRIGATION

| Technical Property | Value                                                     |
|--------------------|-----------------------------------------------------------|
| Water Saving       | Uses 30-70% less water than flood or sprinkler irrigation |
| Higher Yield       | Increases productivity by 20-90%                          |
| Energy Efficient   | Works on low pressure, requires less energy               |
| Fertilizer Saving  | Fertilizers can be delivered directly to roots            |
| Less Weed Growth   | Water only reaches crop root zone                         |
| Soil Health        | Reduces soil erosion and diseases                         |
| Guarantee          | 3 Yrs. guarantee                                          |

## FITTING ACCESSORIES



Joiner



Take off  
(Start Connector)



Tee



"Y" Tee



Elbow



Endcap



Lateral Cock



PVC Rubber  
Gromet  
(Netafim Type)



Rubber Gromet  
(Jain Type)



Adjustment  
Dripper



Drill Bit

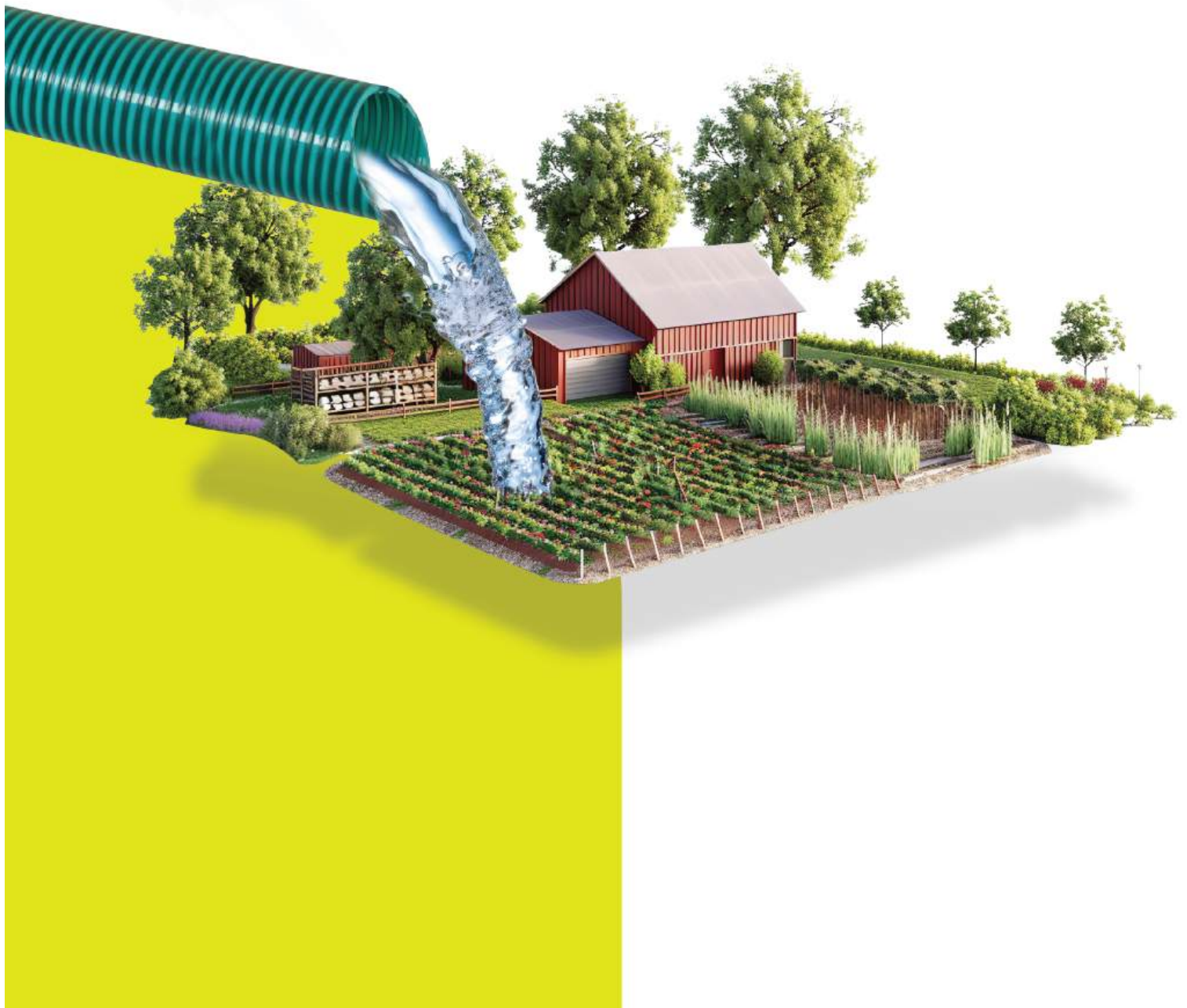


Hand Drill Bit





Powerful **Suction**  
Reliable **Flow**



## PVC SUCTION PIPES

These PVC light-duty suction pipes are most ideal for light suction or delivery of liquids like water, acid and solvents. Our manufactured light-duty pipe is suitable for agriculture, industrial and construction applications. These PVC light-duty suction pipes are manufactured in compliance with international quality standards. Moreover, we keep in mind the requirements and specifications provided by the clients at reasonable prices and within the committed time frame



## TECHNICAL SPECIFICATIONS

| Parameter         | Typical Range                                        |
|-------------------|------------------------------------------------------|
| Size Range        | 0.5" To 6" (20 mm to 137 mm)                         |
| Length            | Standard coils of 30mtr (100 Feet Coil)              |
| Working Pressure  | 5 to 22 kg/cm <sup>2</sup> depending on size & grade |
| Temperature Range | -5°C to +60°C                                        |
| Colours           | Green                                                |
| Brand Name        | Wellmaster Suction Pipes                             |

## MAIN FEATURES

- Material: Resin, Cp, Lime, One Pack, Ls, Cs, Appoxy, Tin
- Reinforcement: Rigid spiral or embedded for strength.
- Structure: Flexible corrugated or smooth inside wall for better flow.
- Flexibility: Easy to bend and install without special fittings.
- Lightweight: Much lighter than metal pipes, easy to handle.

## COMMON APPLICATIONS

- Agriculture: Suction from ponds, rivers & canals for irrigation.
- Domestic: Pump suction for wells and borewells.
- Industry: Handling water, light chemicals and slurry.
- Construction: Dewatering at construction sites.

## ADVANTAGES

- Corrosion and rust resistant.
- A smooth internal bore reduces friction losses.
- Weatherproof and UV resistant (if UV-stabilized).
- Non-toxic grades are available for potable water.

## TYPES

- Agricultural Grade: General water pumping and irrigation.
- Heavy Duty Grade: Higher pressure/vacuum applications.
- Food Grade / Transparent: For potable water, milk, juices.
- Wire Reinforced: For extra crush resistance and vacuum

| NORMAL SIZE |         | DIAMETER IN MM |        | PRESSURE AT 30°C                       |                                         | BENDING RADIUS | WEIGHT IN KG   | STANDARD LENGTHS |
|-------------|---------|----------------|--------|----------------------------------------|-----------------------------------------|----------------|----------------|------------------|
| MM          | IN INCH | ID             | OD     | WORKING PRESSURE (kg/cm <sup>2</sup> ) | BURSTING PRESSURE (kg/cm <sup>2</sup> ) | IN MM          |                |                  |
| 20          | 3/4"    | 19*            | 23.0*  | 5                                      | 22                                      | 60             | 5.250 TO 5.500 | 30 Mtr.          |
| 25          | 1"      | 24.9*          | 28.9*  | 5                                      | 22                                      | 65             | 6 TO 6.5       | 30 Mtr.          |
| 30          | 1 1/4"  | 31.9*          | 36.0*  | 4                                      | 18                                      | 90             | 8.5 TO 9.5     | 30 Mtr.          |
| 40          | 1 1/2"  | 38.3*          | 42.4*  | 4                                      | 15                                      | 115            | 11 TO 13       | 30 Mtr.          |
| 50          | 2"      | 50.8**         | 56.7** | 2                                      | 15                                      | 155            | 18 TO 20       | 30 Mtr.          |
| 57          | 2 1/4"  | 57.6**         | 64.0** | 2                                      | 15                                      | 165            | 26 TO 28       | 30 Mtr.          |
| 65          | 2 1/2"  | 63.5**         | 69.9** | 2                                      | 15                                      | 180            | 28 TO 30       | 30 Mtr.          |
| 75          | 3"      | 74.6**         | 82.0** | 2                                      | 12                                      | 350            | 38 TO 40       | 30 Mtr.          |
| 87          | 3 1/2"  | 86.7**         | 96.0** | 2                                      | 12                                      | 390            | 48 TO 50       | 30 Mtr.          |
| 100         | 4"      | 101.6***       | 109*** | 1.8                                    | 11                                      | 425            | 68 TO 70       | 30 Mtr.          |
| 112         | 4 1/2"  | 112.5***       | 122*** | 1.5                                    | 10                                      | 480            | 77 TO 80       | 30 Mtr.          |
| 125         | 5"      | 127***         | 138*** | 1                                      | 7                                       | 590            | 90 TO 95       | 30 Mtr.          |
| 137         | 5 1/2"  | 136***         | 146*** | 1                                      | 6                                       | 680            | 100 TO 105     | 30 Mtr.          |

Variation in ID/od: [\*=+/-0.5], [\*\*=+/-1.0], [\*\*\*=+/-1.5]

**Note:**

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*May god Bless you....!*



**Authorised Channel Partner**



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