

Infrastructure & Agri Piping Solution

PREMOLEX HDPE PIPE IS:4984(2016) CM/L-5900020610



Premolex

IS:4984 (2016)

IS:17425 (2020)



DWC • PVC • UPVC • CPVC • SWR • HDPE • DRIP • SPRINKLER



**Agriculture
& Farming**



**Residential
Buildings**



**Commercial
Buildings**



**Industrial
Buildings**



**Hospitals &
Hospitality**



**Government
Housing Schemes**



Who We Are

Established in 2008, we are renowned manufacturing organization based in Raipur Chhattisgarh, which is center of India allowing us an easy approach to the whole country, we specialize in manufacturing various Robust quality products for Infrastructure, Agriculture, Industrial, Domestic, Aqua culture piping solutions for Water, Gas, Electrical ducting, Telecom cable ducting.

As a modern & Hi-tech enterprise, Prem industries has mature technique, advanced production machines, professional team, as well as strict quality control system.

Our products are manufactured according to national & international standards following the norms of ISO9001:2000 Management system.

Company has now emerged as a market leader in manufacturing of high quality HDPE pipes. In fact customer's faith and confidence is a testimony to prove their company's steadfast nature and reliable quality of products.

OUR PRODUCT RANGE

HDPE
Pipe & Fitting

HDPE SPRINKLER
& Drip Irrigation System

DWC
Double Wall Corrugated Pipe

PVC
Pipe & Fitting





Our Mission

Providing most effective & economical solution to our consumers through our state of art production facility.

Our Vision

To be the most creative organization through "growth with peace of mind with all our allies".

Our Value

Integrity And Reliability

Commitment

Team Work

Accountability





Quality Assurance

We follow specific QAP- Quality Assurance Plan system in our production facility we have a stringent quality control at our various production stages starting from the procurement of raw material to production and till delivery of the product. our full fledged quality lab has all the modern tools and equipment our team makes sure that each of our product is manufactured as per the relevant national and international standards i.e. IS:4984 (2016), IS:17425(2020), IS :14333 & ISO:4427 etc.





Infrastructure

Cutting- Edge Innovation

Prem industries. incorporates a well-structured framework, combined with state-of-the-art machinery that creates a zero defect manufacturing process and leak-proof piping systems. We operate computerized injection moulding machines and extrusion machines with world class modern technology

- High quality plasticizing capacity, due to specially designed screw barrels, ensuring homogeneity of material.
- Precisely controlled processing parameters ensuring consistent quality output.
- Higher operating speeds that increase production capacity.
- Power-saving measures for cost efficiency.
- Well-equipped Hi-Tech laboratory and R&D department

Research & Development

We have an active research and development department in our company which is well equipped with all the latest amnities and equipments. Our researchers work on every aspect related to our range so that the quality products can be manufactured. Their vast experience in the field of manufacturing pipe fittings has enabled us to meet the client's futuristic demands on time. They keep themselves updated with the latest innovations & technology updates so that production capacity increases and clients get full satisfaction.

Application



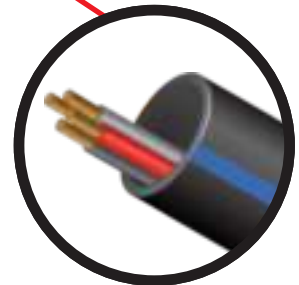
Drinking Water Supply



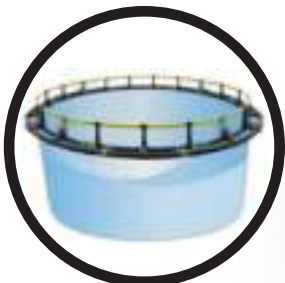
DE- Watering Line



**Industrial Liquid, Gas
& Slurry
Chemical transportation**



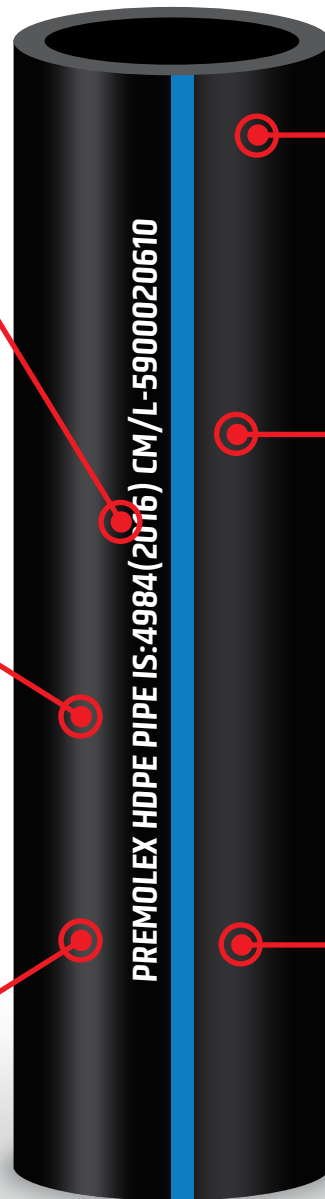
**Electrical & Telephone
Cable Ducting**



Aqua Culture



**Irrigation & Dust
Suppression System**





HDPE

Pipe & Fitting

Today polyethylene is most demanding thermoplastic material due to its proven applications and advantages in pressure rated water piping. In our Hi-tech manufacturing facility, we manufacture high quality products, using quality virgin raw material, available in PE63, PE80, PE100 HDPE material grades. they are made as per IS standard IS:7328:2020, IS:10146:1982, IS:16738:2018 using European Hi-Tech machines ensuring that the product delivered is of utmost quality.

20-315MM

IS : 4984
(2016)



IS : 14333



IS : 17425
(2020)



ISO:4427



Size (MM)	20MM to 500MM
Material Grade	PE63, PE80, PE100
Working Pressure	2.5kgf/cm2 to 20kgf/cm2
SDR	SDR41 to SDR6



HDPE pipes jointing techniques like:- but fusion, electro-fusion, which are permanent joints and detachable joints such as flanged Joints, self restrained sure-lock joints, quick connect joints and compression joints.

HDPE

Pipe & Fitting

Benefit

1. Low Weight
2. High Resistant
3. Erosion Resistant
4. Chemical Resistant
5. High Flow Rate
6. Flexibility
7. Easy Installation



Hdpe/Ms/Gi-Flang



HDPE Long Neck



HDPE Reducer



Tee/ Unequale*
Tee



Moulded HDPE
Bend 45*



Moulded HDPE
Bend 90*



Compression Fitting

DWC

Double Wall Corrugated Pipe

Double wall corrugated (DWC) pipe manufactured from hdpe material it is an ideal conduit system for protecting electrical and telecom cable. now a day it is best replacement for heavy RCC, MS, and old conventional pipe line for sewer application. the outer layer having corrugation and inner layer with plain and smooth surface gives excellent mechanical strength and flexibility properties for cable ducting and smooth flow of fluids .

DWC PIPE	
IS:16205(PART-24) 2018	IS:16098(PART-2) 2013
DWC (HDPE) Pipes For Electrical Application	DWC (HDPE) Pipes For Sewerage Sanitary, Drainage, Harvesting etc.
Pipe Diameter (OD) mm	Pipe Diameter (ID) mm
40 , 50 , 63 , 75 , 90	75
110	100
120	150
160	200
180	250
200	300
230	400
250	500
315	600

Benefit

1. Low Weight
2. Impact Resistant
3. Erosion Resistant
4. Chemical Resistant
5. High Flow Rate
6. Flexibility
7. Easy Installation
8. Cost Effective



Working
Pressure

Sewerage Draining :- Class-SN 2 SN4 & SN8

Electrical Conduit :- 450N & 750N

End
Connection

Push Fit System

PVC

Pipe & Fitting

Be it a transfer of potable water from a water source to homes or for industrial use, it is necessary that the piping system is strong enough to bear any external force, sustain under any environmental conditions. PREM INDUSTRIES is one of the best PVC pipes manufacturer in India with a well-diversified portfolio that is ideal for industrial, & household.

20-200MM

IS : 7834



1987

IS : 14735



1999

IS : 15778



2007

IS : 12818



2010

IS : 4985



2021

Benefit

1. Extra Strong & Durable
2. Leak Proof
3. Chemical Resistance
4. Easy Installation
5. Cost Effective



UPVC Pipes

The term UPVC stands for Un-plasticized Polyvinyl Chloride which shows strong resistance to chemicals and harmful elements of nature. UPVC pipelines are ideal for solving the plumbing needs of commercial and residential properties.

Upvc pipes come with multiple benefits in various applications. They are not only cost-effective but also last longer than any other pipeline materials. These pipes neither need high maintenance nor require a complicated installation process. As UPVC pipelines come with a package of benefits across different application areas, these are preferred by industry professionals worldwide.

CPVC Pipes

c-pvc pipe are used for Hot and Cold water applications in homes, apartments, hotels, resorts, hospitals, high and low rise buildings, corporate and commercial houses, academic institutes etc. for pure and hygienic water supply.

Key Advantages of CPVC Pipes:

1. Long-Lasting
2. Robust
3. Ease Of Maintenance
4. Temperature Tolerance
5. Save & Ideal For Homes



Brass Elbow



Brass Tee



Coupler



Union



Ball Valve



Tank Connector



Brass MTA



Brass FTA



End Cap



Plan ELBOW



Plan MTA



Plan FTA



Brass Elbow



Brass Tee



Elbow 45*



Ball Valve



Coupler



Union



SWR Pipes

The SWR system is the system designed for soil, waste and rainwater drainage. SWR drainage system is designed for quick and efficient removal of waste and debris without any blockage or leakage. Our SWR pipes are highly resilient, durable with high tensile and strength. Our SWR pipes are immune to bacteria, fungi, and micro-organisms attacks and prove to be the perfect long term solution for building drainage systems.

Features of SWR pipe

1. Strong And Durable
2. Quick Installation
3. Easy Maintenance
4. Leak Proof
5. Chemical Resistance
6. Cost Effective

AGRI PIPE (RIGID PIPE)

Rigid PVC pipes are manufactured under strict quality control with latest technology conforming to IS-4985 specifications. Rigid PVC pipes are best preferred for irrigation in agriculture farms, water supply, disposal of oils and chemical effluent & waste, acid slurries transportation, telecommunication cable ducting etc. Rigid PVC pipes have been preferred over other available resources due to varied salient features.

Features of Rigid Pipe

1. Strong And Durable.
2. Light Weight.
3. Better Flow Characteristics.
4. Abrasion Weathering.
5. Termite Proof And UV Resistant.



Tee



Bend



Coupler



Nahani Trap



Plan Y



Reducer



Tee



Elbow



Coupler



MTA



FTA



Service Saddle



RMTA



RFTA



Reducer

Irrigation

Sprinkler & Drip

Sprinkler irrigation system allows application of water under high pressure with the help of a pump. It releases water similar to rainfall through a small diameter nozzle placed in the pipes. Water is distributed through a system of pipes, sprayed into air and irrigates in most of the soil type due to wide range of discharge capacity.

Sprinkler Irrigation 63MM to 110MM

Class - I & II

IS : 17425 (2020)



CM/L 8964813



चोरी व अदला बदली से बचाव
हेतु अनोखा धारीदार पैटर्न



Sprinkler Pipe

SIZE : 63mm, 75mm, 90mm, 110mm

2.5kgf/cm² - 3.2kgf/cm²



Irrigation Sprinkler & Drip

Benefit

IS : 17425 (2020)



CM/L 8964813

1. Low Weight
2. Impact Resistant
3. Erosion Resistant
4. Chemical Resistant
5. High Flow Rate
6. Flexibility
7. Easy Installation
8. Leak Proof
9. Extra Durable
10. Cost Effective



HDPE
Adapter



HDPE
Adapter



HDPE
Tee



HDPE
Bend 90°



Brass
Nozzle



Mini
Sprinkler



Rain Gun
Irrigation



Rubber
Seal

DRIP IRRIGATION SYSTEM

Drip irrigation or trickle irrigation is a type of micro-irrigation system that has the potential to save water and nutrients by allowing water to drip slowly to the roots of plants, either from above the soil surface or buried below the surface. The goal is to place water directly into the root zone and minimize evaporation and wastage of water. Drip irrigation systems distribute water through a network of valves, pipes, tubing, and emitters. Depending on how well designed, installed, maintained, and operated it is, a drip irrigation system can be more efficient than other types of irrigation systems, such as surface irrigation or sprinkler irrigation.

Benefit

1. Leak Proof
2. Durable & Flexible
3. Cost Effective
4. Water Saving
5. Easy Installation





Column Pipe

Column pipes are light weight, have a high tensile load capacity, leak proof joints, have a long life, and are economical. Its square threaded coupling joint ensures ease of joining as well as an optimum load holding capacity. A high torque resistant locking system and specially designed rubber “O” ring ensure trouble-free operations.

Product Range for Column Pipe

V4 Pipes: 1” – 1½”

Medium Duty Pipes: 1” – 4”

Standard Duty Pipes: 1” – 4”

Heavy Duty Pipes: 1¼” – 4”



Casing PIPE

Casing is a large diameter pipe that is assembled and inserted into a recently drilled section of a borehole. It is set inside the drilled borehole to protect and support the wellstream.

Benefits-

- Leak Proof
- High Impact Strength
- Extra Strong
- Extra Durable
- Smooth Internal Bore





Our Association





preindustries8@gmail.com

 **8817409880/82/83/84/86/89**

mpsales.preindustries@gmail.com

Factory: Plot No. 221, Sector C, Urla
Industrial Area Raipur (C.G.) 492003

Corporate Office: MANGALAM COMPLEX, Agrasen Chowk,
Nagar Nigam Colony, Amapara, Raipur (C.G.) 492006

Branch Office: 3633, Ward No.- 29, Manmohan Nagar, Pachori Petrol Pump, Jabalpur(MP)