

# MIPATEX

## DWC PIPE

Affordable conduit Solution

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HDPE MATERIAL

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WEATHER PROOF

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LIGHT WEIGHT

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DURABLE

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IS 16205 : 2018  
(Part 24)



CM/L-7500199213

## HDPE Double Walled Corrugated pipes

DWC Pipes, better known as HDPE Double Walled Corrugated pipes, are widely used for ducting cable networks, underground electrical cable conduits, and sewage/wastewater conveying. HDPE Double Wall Corrugated Pipes are very cost-effective pipes with a fantastic quality arrangement.

MIPATEX DWC pipes are made of HDPE material with corrugated structure making these pipes lightweight, with higher flexibility, extra strength, and the most elevated life span. The double-wall corrugated design ensures a better load-bearing capacity to sustain earth and traffic loads under buried conditions.



HDPE



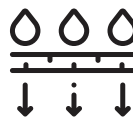
UV stabilized



Easy to Lay



Light weight



100% Waterproof



Snap Fit Joint



Corrugated



High Compressin Strength



Durable



## Key Features

**Long Life:** These products are made from best available HDPE raw material which has a very high life expectancy, which is more than about 50 years in some cases.

**Anti-Rodent:** Conduits can be manufactured with Anti- Rodent properties if there is such a need.

**Non- Flame Propagating:** conduits can be made to inculcate special feature such as non-flame propagation which will not allow the fire to propagate due to conduit.

**UV Stability:** A special quality of conduit is manufactured to many customers where they need special UV protection, when the conduit is used in application such as exposed to sunlight, non -buried, rooftop etc. We have monopoly in these types of conduits.

**Light weight, Pliable and easy to lay/transport:** Compared to any other product like GI, CI, Cement with equivalent life expectancy, the weight of HDPE/DWC/PLB conduit is very less due the material density difference. So it's very easy to transport and lay. These pipes are also pliable! They can be bent to certain radii without causing any damage to the pipe, which is not possible with other materials.

## Advantages

Due to the high-quality longer life and low cost, the requirement of DWC pipes is ceaselessly expanding all over the world.

**Following are a few specialities of Promagic DWC pipes:**

It can be used in underground laying, sewer laying, electrical work, rooftop application.

These pipes are fit to take substantial pressure.

Very easy to assemble with snap-fit Coupler.

DWC gives astounding ring stiffness.

DWC pipes are Pliable – they can be bend to minimum bending radius declared by the manufacturer without damaging the pipes.

DWC pipes come with IP67 protection as per IS:16205:2018 (Part 24) for dust protection and water ingress qualities.



# DWC Pipe Technical Information

Double Walled Corrugated Pipes better known as DWC pipe is gradually picking up its usability for the Electrical Conduit and Sewage/wastewater conveying use. The majority of the organizations lean towards DWC pipes for the underground seepage framework and electric link and telecom ducts application. DWC pipes are very cost-effective pipe with a fantastic quality arrangement. Due to its minimal cost and high life expectancy, the majority of the Infrastructure companies lean toward DWC pipes.



NOMINAL SIZE	ID mm	OD mm	LENGTH mm	COLOR	BENDING RADIUS mm	FITTING	EXTERNAL INFLUENCE
32/40	32	40	100, 200, 300	Orange/Black	600	Snap-fit	IP 67
38/50	38	50	100, 200, 300	Orange/Black	700	Snap-fit	IP 67
51/63	51	63	100, 200, 300	Orange/Black	1100	Snap-fit	IP 67
63/75	63	75	100, 200,	Orange/Black	1900	Snap-fit	IP 67
75/90	75	90	6	Orange/Black	1900	Snap-fit	IP 67
95/110	95	110	6	Orange/Black	1900	Snap-fit	IP 67
102/120	102	120	6	Orange/Black	3300	Snap-fit	IP 67
135/160	135	160	6	Orange/Black	3300	Snap-fit	IP 67

\*The test data is based on an average taken over several production runs and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications.

The information contained herein is accurate and reliable to the best of our knowledge and provided for reference purposes only.

## PERFORATED DWC PIPES

Perforated DWC pipes are used as subsurface drainage systems. Using perforated pipes to absorb excess rainwater, draining it away from the ground. To achieve rapid water removal, we can lay underground/subsurface perforated DWC pipes, which will speed up the removal process of water from the surface. A subsurface water drainage system is a network of interconnected Perforated DWC pipes which collect the excess water from above the ground due to heavy rains and carries it to the nearest river or water body.

### Applications

- **Sports grounds**
- **Railways**
- **Highways**
- **Garden landscape**
- **Airports**
- **Agriculture lands**



1. By installing perforated pipes under the ground, excess water can be drained away so that your garden landscape is not at risk of damage.
2. Perforated DWC pipes laid underground collect excess water from the ground and carry it away; thus, they remove the excess water from ground.
3. Any place such as airport, railway station, agricultural land where we need to drain the ground surface fast by removing the excess water due to rains, we can use Perforated DWC pipes as subsurface water drainage.

### Advantages



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