

# HDPE Double Walled Corrugated (DWC) Pipes.



**OUR PIPES  
STRENGTH BY DESIGN  
NOT BY WALL THICKNESS**



## Mission

To be the leading supplier of HDPE DWCPipes in India

## Polyextrusions

Polyextrusions is a leader in the manufacture and supply of Plastic Pipes. We pride ourselves on our contributions to the piping industry, specifically our HDPE Double Walled Corrugated (DWC) Pipes: RUNCOR & RUNELEKTRA

Polyextrusions having valuable experience in providing piping solutions across a large range of services: water supply, plumbing, sanitation, sewage, irrigation, HVAC, oil and gas, and many more, to cater to the many needs of our customers. Our people are well-trained and highly experienced in the manufacturing and management of our products, and work towards ensuring customer satisfaction at every level.



## Vision

Polyextrusions aims to provide customers with innovative and high-quality plastic piping alternatives that are proven to be economically effective and technically superior in the Indian market.



## Quality

We provide our customers with the highest quality products, manufactured through our automatic machine process and checked in our fully equipped quality check lab..

# Our Product:

Our HDPE DWC pipes feature a full circular dual-wall cross section, with a corrugated exterior and a smooth interior.

Our pipes are lightweight, corrosion resistant, highly flexible and meets ISO standards.

DN (MM)	ID (MM)	OD (MM)
100	98	116
135	135	157
170	170	199
200	200	233
250	248	290
300	296	347
400	400	463
500	493	579

OF SN4 & SN8 STIFFNESS CLASS

## Key Differentiators:



Optimum combination of toughness, strength and stiffness



100% watertight and hence free from any infiltration, ex-filtration and root penetration



Lightweight and cost-effective due to hollow wall structure



Eco Friendly with no adverse impact on the environment



Large diameter application with long-term structural stability



Low transportation and installation cost



Excellent chemical, corrosion and abrasion resistance properties

## Comparison between HDPE DWC & RCC Pipes

Property	HDPE DWC	RCC Pipes
Material Cost	Low	High
Transportation Cost	Low due to light in weight	High due to heavy in weight
Excavation Cost	Low due to smooth inner surface	High due to rough surface
Installation Cost	Low (no special machinery required)	High due to heavy weight
Joining Cost	Low due to push fit jointing	High
Maintenance Cost	Low due to best corrosion Resistance	High
Repair Cost	Low	High
Cost of Convenience	Nil	High

# QUALITY, TESTING & CERTIFICATIONS:

The company's quality edifice stands on the following pillars:

1. Total commitment for customer satisfaction.
2. Protection and Advancement of Environment.
3. Market Leadership.
4. Strive for Quality Excellence.
5. Sustainable Development of Stakeholders.

Our products are made from the highest quality raw materials and have been manufactured through a completely automated process using the latest in industrial technology.

## OUR PIPES ARE BASED ON THE FOLLOWING CERTIFICATIONS:

- **RUNCOR** pipes are based on IS 16098 PART 2
- **RUNELEKTRA** pipes are based on IS 16205 PART 24

## OUR QUALITY MANAGEMENT SYSTEM ARE

- ISO 9001: 2015 & BIS Certification awaited

These certified standards help us to maintain superior quality and to ensure trouble free performance of our products. Some of the important tests for HDPE double wall corrugated polyethylene pipes are as given below: -

- Ring stiffness
- Oxidation induction time test
- Water tightness test
- Ring flexibility
- Physical properties
- Melt flow index test
- Creep ratio
- Impact test
- Effect on heating

