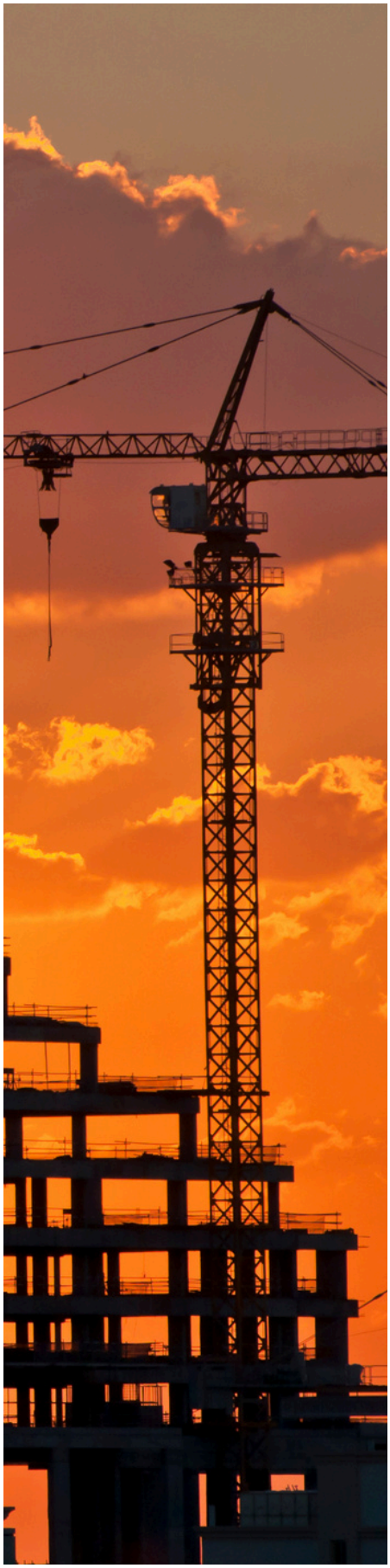
EDOBURG

DWC Pipe

GLOBAL CATALOGUE

About Edoburg

Edoburg is a structured, multi-category global supplier of certified infrastructure materials, serving contractors, distributors, and institutional buyers across regulated global markets. A division of ***Edoburg Downes Pvt. Ltd.***, the company operates with a clear focus on tested quality, export compliance, and long-term delivery consistency.



Our product portfolio spans over 10,000 SKUs across a wide range of categories including plastic piping systems, thermoplastic and composite pipelines, metal pipes and sections, drainage and utility systems, industrial components, and specialized engineered solutions for global projects.

All Edoburg-supplied products are manufactured in audited facilities and conform to international standards such as ASTM, CSA, ISO, IS, AS/NZS, and EN, depending on the target market. Each order is backed by full documentation support — including batch test reports, packing lists, Certificates of Origin, and private labelling when required.

We operate with export-ready processes, offering mixed container loads, low or no minimum order quantity, and market-specific packaging and compliance labelling. Our systems are designed to meet the expectations of professional buyers who require traceability, repeatability, and standardization across multiple geographies.

With clients across North America, Europe, the Middle East, Africa, and Asia-Pacific, Edoburg is positioned as a dependable global supplier — combining technical competence with structured commercial execution.

We don't just deliver material. **We supply what builds**.

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Properties and Technical Sheet

DWC Piping Systems

DWC Pipes and fittings are manufactured using HDPE polymer. These pipes are resistant to various types of gases & chemicals which are generated due to putrefaction of various ingredients flowing in the system.

DWC Pipes are manufactured as per IS 16098 (Part-2), have a smooth internal surface and corrugated external surface. The corrugated external surface provides greater stiffness, withstands soil movements & takes higher loads (static & dynamic), whereas the internal surface helps in smooth flow of sewerage.

Standard:
- IS 16098 - Part 2

Manufacturing Origin: India

Pipes				Fittings		
Size (mm)	**Class**	**Standard**	**End Connection**	**Size (mm)**	**Standard**	**End Connection**
100 to 1000	SN4 & SN8	IS 16098 - Part 2	Rubber Ring Joint	100 to 500	-	Rubber Ring Joint

Features and benefits

- Easy to handle, transport and store.
- Easy to install.
- Superior performance than RCC Pipes.
- Long life.
- Available in long length of 6 meter so minimum joints ensuring less chances of leakage.
- Corrosion & abrasion resistant.
- Anti-rodent material.

Dimensions of Underground Double Wall Corrugated Pipes (6 mtr.)

Size (mm)	Wall Thickness SN4 (mm)	Pressure Rating SN4	Wall Thickness SN8 (mm)	Pressure Rating SN8
100	2.5	0.4 MPa	3	0.8 MPa
150	3	0.4 MPa	3.5	0.8 MPa
170	3.2	0.4 MPa	3.8	0.8 MPa
200	3.5	0.4 MPa	4	0.8 MPa
250	4	0.4 MPa	4.8	0.8 MPa
300	4.5	0.4 MPa	5.3	0.8 MPa
400	5.5	0.4 MPa	6.7	0.8 MPa
500	6.2	0.4 MPa	7.8	0.8 MPa
600	7	0.4 MPa	8.8	0.8 MPa
800	8.6	0.4 MPa	11	0.8 MPa
1000	10.7	0.4 MPa	13	0.8 MPa

Underground Double Wall Corrugated Fittings

Coupler

End Plug

Elbow 90°

Reducer

Elbow 45°

Reducing Tee

Handling and Storage

Proper Handling of Pipes

- Impact Prevention: Avoid dropping, dragging, or throwing pipes during handling. Sudden impact may cause stress fractures or joint damage.
- Lifting Guidelines: Use padded pipe tongs, wide slings, or fork protectors. Chains, hooks, or bare forks may gouge or scar the pipe surface.
- Inspection on Delivery: Check all pipes and fittings on arrival for cracks, warping, or joint-end damage due to transit or handling.

Storage of Pipes

Pipes and Fittings must be stored in a dry, shaded, and well-ventilated location. If outdoor storage is unavoidable, the following best practices must be observed to maintain product performance and installation safety:

- UV Protection: Shield from direct sunlight using UV-resistant tarpaulin or sheeting. Ensure ventilation is maintained to prevent heat buildup.
- Flat Surface Storage: Pipes must rest on a flat, stable surface. Uneven storage areas may lead to sagging, ovality, or misalignment of sockets.
- Stacking Alignment: When stacking, alternate spigot and socket ends to distribute load evenly and avoid deformation of socket geometry.
- Stacking Height Limit: Do not exceed recommended stack heights. Excessive weight can distort pipe roundness and compromise sealing surfaces.
- Rack Spacing: When using pipe racks, provide support at intervals of not more than 900 mm (3 ft) to prevent bending or bowing.
- Inspection on Delivery: Inspect all pipes and fittings immediately upon receipt. Check for any damage, deformation, or cracks—especially at the joint ends.

Note: Improper handling may affect joint integrity and project safety. Always follow local code.

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