

Edoburg®



PVC Trunking

DURABILITY MEETS DESIGN IN EVERY
TRUNKING SOLUTION



Edoburg[®]
PIPING SYSTEMS

About Edoburg

Edoburg, an ISO 9001 certified company, specialises in supplying high-quality piping systems that consistently meet stringent international standards, ensuring unparalleled performance of the piping systems. Our experienced team, equipped with extensive technical knowledge, coupled with our efficient operations and fast turnaround time, enables us to provide top-tier supply of piping products tailored to your needs.

Our Mission

Edoburg's mission is to supply high-quality piping systems worldwide, offering a complete solution that meets international standards to ensure superior performance in every project.

Product Range

Our stellar lineup of pipes, ready for every project:

- PEX Pipe: PEX-A, PEX-B, PEX-A EVOH, PEX-B EVOH
- PPR Pipe
- PERT Pipe
- HDPE Pipe
- MDPE Pipe
- PVC-C Pipe: Portable water, Reclaim water, Industrial
- PVC-U Pipe: Drainage, Portable water, Reclaim water, Industrial
- PVC-O
- Composite Pipe: PEX-AL-PEX, HDPE-AL-HDPE
- PVC Electrical Conduit
- PVC Hose
- HVAC Systems
- Valves
- LOTO Systems
- Safety Products

Complete Solution Concept

Our wide range of products represent our complete solution concept.

With our products intended for diverse sectors, we offer individual and comprehensive system solutions. Focusing on the needs of projects and entire system.

We provide high standards of products in the market at all times. We always stand by our piping systems and reliable service network.

As a global pipe supplying company that stands out with successful operations ever since our incorporation, we act as a solution point to meet all your needs based on our technical knowledge, specialization and reliability.

Quality Assurance

We are committed to excellence in every aspect of our operations. The products we supply comply with the international standards and certifications, ensuring reliability, durability, and safety in every application. With Edoburg, you can trust that you're receiving top-notch piping solutions that meet your specifications and exceed your expectations.

Our Presence in the World

Our warehousing are strategically located in various places in **India, Vietnam** and **China**, to ensure efficient distribution of the products. We ensure fast deliveries with our modern logistics partners deployed at our local distribution hubs which are strategically located near the ports to ease the export of products. Edoburg Piping Systems exports its products all over the world.

Our Market Segments

Based on our experience and high-quality standard of products in the sector, Edoburg Piping Systems supports its clients with a complete piping solutions for every project requirement.

- Chemical and Petrochemical
- Water and Wastewater
- Mining and Mineral Processing
- Power Generation
- Marine and Offshore
- Building and Construction
- Manufacturing Industries
- Agriculture
- Pharmaceuticals
- Infrastructure

About Plastics

Plastics are polymers created by the chemical conversion of natural products or synthesized from organic materials. The primary components that make up the building blocks of plastics are long chains of carbon (C) and hydrogen (H) known as monomers.

The raw materials used for the production of plastics are natural compounds such as cellulose, coal, oil and natural gas. In the plastics industry, around 6 % of the petroleum products that come out from refineries is used.

Plastics fall into three main categories on the basis of their internal structure and the resulting mechanical characteristics: thermoplastics, thermosetting plastics and elastomers.

Advantages of Plastics

Thermoplastics obviously demonstrate different characteristics than those of the metals traditionally used for piping.

Metal	Plastic
High density <ul style="list-style-type: none">• Crane is needed for transport.• Requires wide spacing for fixings.• High anchoring forces, fixing required.	Low density <ul style="list-style-type: none">• Can be carried by hand up to d110.• Requires minimal spacing for fixings.• Simple and economical.
Thermal conductivity <ul style="list-style-type: none">• Insulation is needed to limit heat loss.• Formation may result in corrosion.	Low thermal conductivity <ul style="list-style-type: none">• Limited heat loss.• Low levels of condensation and resistance to corrosion.
Corrosion Behaviors <ul style="list-style-type: none">• Galvanic corrosion can occur.• Corrosion reduces internal diameter.• Reduced diameter causes pressure losses.	High Corrosion Resistance <ul style="list-style-type: none">• Galvanic Corrosion Free.• Prevents corrosion and diameter reduction.• No pressure losses.
Chemical resistance <ul style="list-style-type: none">• Low Resistance to Acids.• Damage from Incrustation.	High chemical resistance <ul style="list-style-type: none">• A minimum of 25-years of life with correct jointing methods.• Incrustation free.

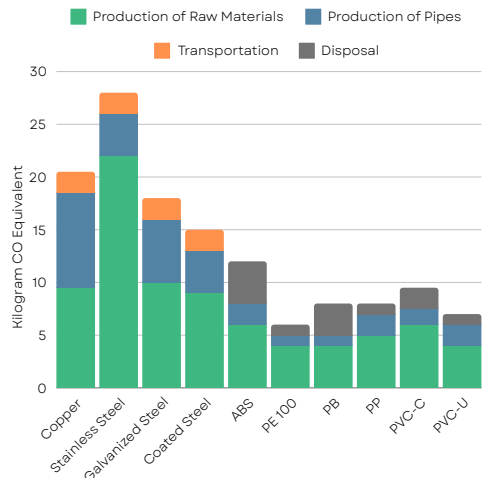
Thermoplastics in turn can be split into two main categories as partially-regulated (semi-crystalline) and irregular (amorphous) molecular structures.

- Semicrystalline thermoplastics, which have a partially ordered molecular structure: this category includes the polyolefins (polypropylene, polyethylene, polybutylene) and fluoropolymers (PP, PE, etc.)
- Amorphous thermoplastics, which have no crystalline regions and no packed molecular structure: this category includes the vinyl chlorides (PVC-U, PVC-C, etc.) and styrenes (ABS, polystyrene, etc.)

Semicrystalline materials are more suitable for hot welding, while amorphous thermoplastics are ideal for cementing or cold welding (solvent cementing).

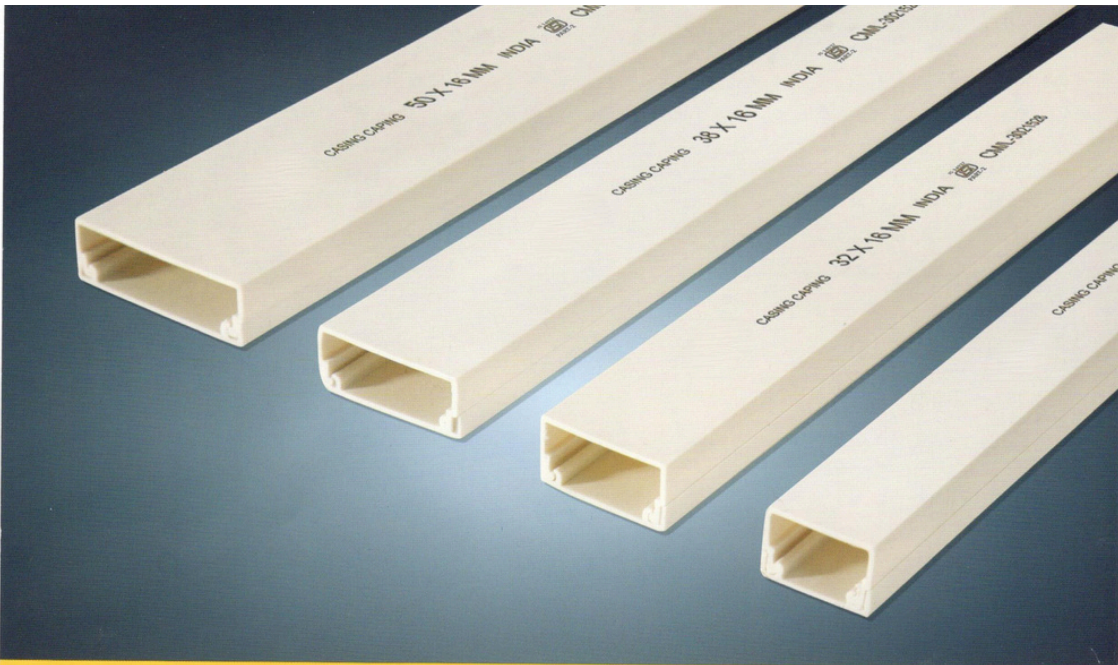
Carbon Footprint of Plastics Vs Metal

It is the total of all greenhouse gases emitted to the atmosphere during the entire lifetime including the processes for extracting a product having carbon footprint from under the ground, refining, producing, using and disposing of that product.



PVC Trunking

Edoburg offers a premium range of PVC trunking solutions designed for efficient and organized electrical wiring management in residential, commercial, and industrial applications. Made from durable, high-grade PVC, our trunking systems withstand impact, moisture, and chemical exposure, ensuring long-lasting performance. With a versatile design available in various sizes, they are easy to install with pre-drilled holes and snap-on covers for secure fitting. Our PVC trunking optimizes cable organization, reducing clutter and enhancing safety while complying with fire safety standards. Sleek and unobtrusive, they seamlessly integrate into any environment, making them ideal for homes, offices, industrial facilities, and data centers. Customization options are also available to meet specific project requirements.



Size (in mm) : 16x16, 20x12, 25x12, 25x16, 32x12, 32x16, 38x16, 50x16, 50x50, 75x50, 75x75, 100x50

Salient Features

- High impact strength & robust configuration.
- Unplasticised formulation ensure no change in dimension/shape even after prolonged use/storage.
- Many sizes to suit different applications.
- Available in Ivory / Grey colour.

Product Range

Trunking Dimension & Packing

Sr. No.	Double Lock	Single Lock	Standard Packing in Meter
1	16 x 16	----	400
2	20 x 12	1/2" (12/20mm)	400
3	25 x 16	3/4" (20/25mm)	200
4	32 x 16	1" (25/32mm)	200
5	38 x 16	38mm	100
6	50 x 16	50mm	100

Mechanical Properties

Tensile Strength : 390-420 kg. /cm Ref ASTM D638
 Specific Gravity : 1.3 - 1.4 (ASTM D 792)
 Hardness : 70-75 D (Duro ASTM D 2240)

Thermal Properties

Working Temp. : 60° C - 65° C
 Flammability : UL 94V-0
 Burning Rate : Self extinguishing (ASTM D 635)
 Flame die out time : Less than 30 seconds

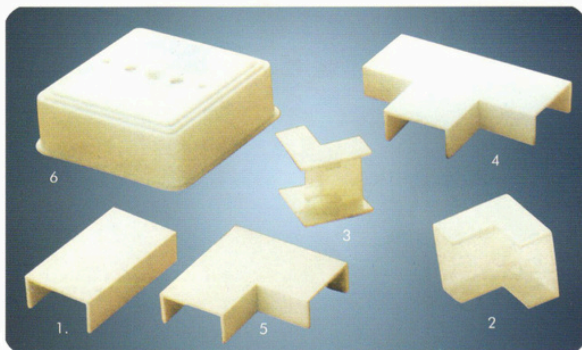
Chemical Properties

Water absorption : 0-10 -0.25% weight in 24 hrs. (ASTM D 150)
 Effect of acid & alkalis : highly resistant (ASTM D543)

Electrical Properties

Dielectric constant : 1.7 - 3.00 (ASTM D 150)
 Insulation Resistance : More than 100 megaohms
 Electric Strength : No Breakdown at 2 KV x 50 Hz.
 for 15 Minutes

Description	Sizes (in mm)
1. Coupler	20x12, 25x12, 32x12
2. External Bend	20x12, 25x12, 32x12
3. Internal Bend	20x12, 25x12, 32x12
4. 3 way tee	20x12, 25x12, 32x12
5. Elbow	20x12, 25x12, 32x12
6. Junction Linkers	75 x 75



Notes

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