


The Edoburg logo is written in a blue, cursive-style font with a registered trademark symbol (®) at the end.The background image shows a white PVC electrical conduit piping system. It includes a white square junction box with four screws, from which several white conduits emerge. Some conduits are flexible and coiled, while others are rigid and run straight. The system is mounted on a light-colored wall.

# PVC Electrical Conduit Piping System

DURABLE SOLUTIONS FOR RELIABLE  
ELECTRICAL PATHWAYS

A large blue crosshair graphic is positioned in the top-left corner of the page, consisting of a thick vertical bar and a thick horizontal bar intersecting at the top-left.

**Edoburg<sup>®</sup>**  
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

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

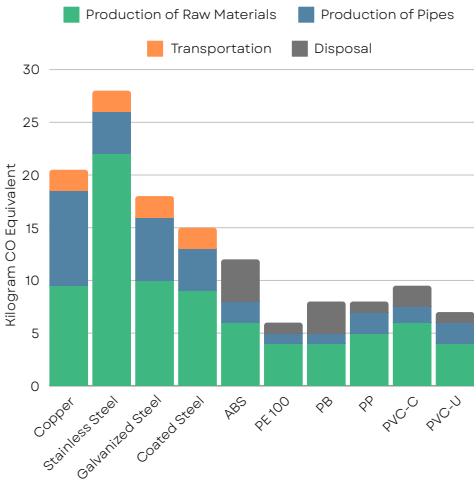
Thermoplastics in turn can be split into two main categories as partially-regulated (semi-crystalline) and iregular (amorphous) molecular structures.

- 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.





## Also Includes

- Auxiliary Contacts & Shunt Trip
- RCCB
- Distribution Boards

## Features.

- Precise hammer action
- Low Power Consumption, thus cost effective & energy saving
- Trip free mechanism: MCB trips even hold in ON position
- Longer electrical life
- Dual termination for bus-bar as well as cable connection
- Green Product

S.No.	Item Description	Item Specification/Standard	Dimensions Available
1	Miniature Circuit Breaker (MCB'S)	IS: 60898-1:2002	6-32 A, (1P, 1P+N, 2P, 3P, 3P+N, 4P)
	Isolators	Confirm to IEC-60947-Part-3	25-100 A, (1P, 2P,3P,4P)
	Residual Current Circuit Breaker (RCCB'S)	Confirm to IEC-61008 & IS: 12640-1	16-63 DP, 25-63 FP, (30/100/300 mA)
	Distribution Board (DB'S)	IS:8623, IS: 31032 IEC-51439-3	SPN DD (4.6.8.12,16 Way), TPN DD (4.6.8.12 Way)

# RIGID PVC CONDUITS & FITTINGS



## Application:

- For channelizing Concealed & Surface Wiring
- Tele-Communication & Cable Ducting

## Silent Features:

- Adaptable to standard Concealed Wiring System as per IS & BS Standards
- Virgin Suspension grade K-67 PVC
- Processed on twin screws extruders
- Minimum filler ensures high impact strength
- Unplasticized PVC Formulated to Improve the mechanical Strength
- UV Stabilized
- Thermal Resistance from -5c to +60c

Colors : Black, Grey & Ivory

White, Red, Green & Yellow are available on Request

S.No.	Item Description	Item Specification/Standard	Dimensions Available
1	Rigid PVC Conduit Pipes	IS: 9537/Part-3	20 mm, 25 mm, 32 mm, 40 mm, 50 mm, 63 mm (Light/Medium, Heavy)
2	PVC Conduit Pipe Fittings. Bends/Junction box/Saddles etc.	IS: 3419-1988	20 mm-63 mm

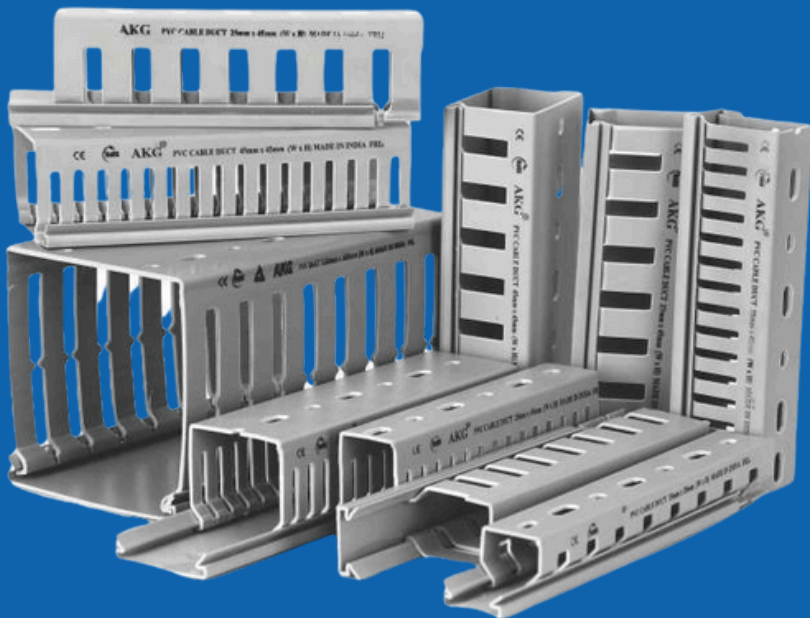
# CORRUGATED FLEXIBLE CONDUITS



Colors: Black, Grey & White  
Red, Green, Blue & Pink are available on request.

S.No.	Item Description	Item Specification/Standard	Dimensions Available
1	Corrugated Flexible Conduit Pipe PP/FRPP/Nylon (Polyamide)	Confirm to IS: 9537 Part-2-1981	16 mm-50 mm

# WIRING CHANNEL



## Application:

- To conduit organize and protect cables inside electrical and telecommunication panels
- Industrial machinery wiring
- Computer LAN wiring
- Data Centers

## Salient Features:

- Non-brittle, Flame retardant
- Vertical slides and detachable strips facilitate systematic wiring, permits faster connections, addition & fault tracing of wires
- Avoid Bunching, tapping and provides complete electrical insulation
- Unique cover locking design prevents popping of wires while removing covers
- Elongated slots at the bottom allows flexible mounting
- High Tensile strength 390kg/cm<sup>2</sup>
- Thermal Resistant from -5c to +60c

S.No.	Item Description	Item Specification/Standard	Dimensions Available
1	PVC Wiring Duct (Slotted & Unslotted) for Electrical Panels & Telecom Networking	FRLS & Halogen Free	Complete Range, Size- 15x 15 mm-150x150 mm



## Notes

This image shows a full page of white paper with horizontal dashed lines, typical of primary-ruled notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

[www.edoburg.com](http://www.edoburg.com)



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