

# ELECTRODUCT

SAFELY WIRED



## Electro Duct for Electrical Conduit Applications

Electro Duct is the first uPVC Electrical Conduit System in Pakistan which is manufactured as per the latest relevant international standards. It is meant for all buried electrical conduit applications.

Adherence to an international standard assures high quality of the product and consistency in performance over a long period of time. It brings an end to the problem of unavailability of a standard electrical conduit system especially in projects where there is no room for non-standard products. It comes with full technical back up of Dadex at all stages.

**DADEX**

## WHY ELECTRO DUCT?

- Safe Usage Of Electricity
- Uniformity
- Flexibility
- Best Results in "Concealed In Concrete" or Underground Applications
- Corrosion Resistance
- Smooth Internal & External Surface

## PRODUCT RANGE

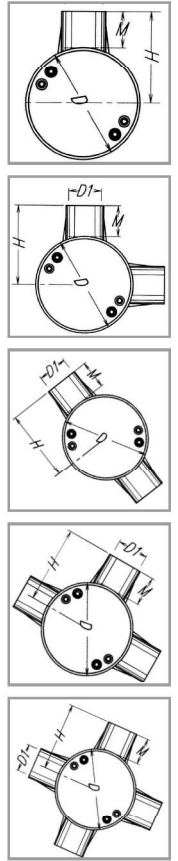
Electro Duct is manufactured in metric sizes as per EN 50086 in nominal outside diameters of:

- 20mm
- 25mm
- 32mm
- 40mm
- 50mm
- 63mm

Pipes are available in standard lengths of 3 meters.

## FITTINGS

A complete range of fittings for conduits manufactured as per IEC423/EN50086 is available which are perfectly compatible with corresponding pipe sizes to make a complete system. The fittings range includes bend, socket & circular boxes with multiple options (one-way, two-way, three-way, four-way & angle circular box).



**TABLE 1: TYPICAL PHYSICAL PROPERTIES OF ELECTRO DUCT**

Properties	Typical Value	Unit
Specific Gravity	1.42~1.46	---
Tensile Strength at 23 ° C	450~600	kg f/cm <sup>2</sup>
Modulus of elasticity at 20° C	30,000	kg f/cm <sup>2</sup>
Compressive Strength	600~700	kg f/cm <sup>2</sup>
Bending Strength	1000	kg f/cm <sup>2</sup>
Dielectric constant (800 cycle)	3.0	-----
Dielectric strength	425	Volts/mil
Inflammability	Will not support combustion	
Water Absorption (24 hours at ambient temperature)	0.07	%

## Application

- Electric Cable
- Computer Networking
- CCTV
- Telecommunication (Intercom, phone line, TV cable etc.)

\*Data should not be used for specification work. Dadex Technical section should be consulted for specific operational conditions with respect to pressure, temperature and fluid concentration prior to specifying the product.

## Dadex Eternit Limited

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**Note:** All information contained in this literature is given in good faith. The user should, however, check that the product is suitable in the application for which it shall be used. Please ensure compliance with all health and safety requirements. Whilst continuing its programme of continuous development, Dadex reserves the right to modify or extend any published information without any prior notification. No responsibility can be accepted for any error, omissions or incorrect assumptions.

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