



Product Overview

Twin Wall Ducting is a high density polyethylene pipe manufactured from a blended polyethylene by a twin extrusion process. Two high density polyethylene walls are extruded simultaneously, one inside the other, and heat-welded together in one continuous process. The outer wall is corrugated and the inner wall is smooth finished. It is a combination of the corrugations and the heat-welding of the two walls that give it excellent structural strength. Available whole and split in half.

Advantages

- Protection for street lighting cables.
- Protection for electricity, gas and water supply services.
- Protection for fibre optic cabling for television and telecommunications.
- Twin Wall Ducting can also be supplied split for temporary applications, as such the above strengths would no longer apply. Lengths are supplied split in half with heavy-duty cable ties and couplers for joining.

Application

- Protecting cables running underground including road, rail, electricity, gas, water, television and telecommunications.
- Permanent or temporary solution.

Dimensions

Nominal Size	Inside Diameter	Outside Diameter	Pipe Length
94mm	94mm	110mm	3 or 6m
100mm	100mm	118mm	3 or 6m
150mm	150mm	178mm	3 or 6m

Specification & Structural Strength

- BS EN 50086-2-4:1994 – Conduit Systems for Electrical Installations.
- ENATS I2-24 – Class 2 Technical Specification for Plastic Ducts for Buried Electric Cables.
- 750N compression strength at 23°C when tested in accordance with section 10.2 in BS EN 50086-2-4.
- 450N compression strength at 50°C when tested in accordance with section 10 of ENATS I2-24 class 2.

