LITAFLEX® uPVC CONDUIT PIPES & FITTINGS

LITAFLEX uPVC Conduit Pipes and uPVC Conduit Fittings are produced from a compound of special formulated Polyvinyl Chloride, manufactured to comply with the British Standard BS EN 61386-21: 2004 and BS 4607 Part 5 respectively.

Being widely used for surface installation, and also particularly for wiring systems embedded in concrete slabs, LITAFLEX worked hand in hand with creative ideas and solutions to manufacture Conduits and a wide range of Fittings and Accessories that are tough enough to provide excellent protection of Electrical Cable Wiring Systems even under arduous conditions. A reduction in the installation time is also facilitated.

- British Standard BS EN 61386-21:2004

uPVC CONDUIT PIPE					
Norminal Size		Wall Thickness		Packing	
Product No.	Outer Dimension	Medium Gauge	Heavy Gauge	Local	Export
CP 20	20mm	1.6	1.8	20	50
CP 25	25mm	1.7	1.9	20	40
CP 32	32mm	2.0	2.2	10	10
CP 40	40mm	2.2	2.5	10	10
CP 50	50mm	2.5	2.8	5	5

Classification : Medium Gauge Class 332112
: Heavy Gauge Class 442112
Standard Length : 2.9 Meters
Wall Thickness Tolerance : ± 0.1mm
Colour : White/Black

ADVANTAGE OF LITAFLEX uPVC CONDUIT SYSTEM

- **Lightweight**
  uPVC is approximately 1/6 the weight of equivalent galvanized steel system, making it easier to transport, install and handle.
- **Time saving installation**
  It is easy to cut and push fit to accessories. No treading and special tools are required to cut and joint. The conduit cuts easily with a sharp handsaw or PVC cutter and is securely joined by solvent cement.
- **Cold bending**
  Forms a 90° angle with just the aid of a bending spring.
- **Safety**
  uPVC is a non-conductive material, producing a fully insulated system.
- **Corrosion resistant**
  Rigid, non-conducting PVC conduit is immune to almost all types of corrosive such as chemical, inorganic acids biological, or electrochemical encountered in either underground or aboveground systems.
- **Cost effectiveness**
  uPVC Conduits is less expensive compared to steel. Further savings on labour cost can also be generated due to a faster installation time.

Physical Properties of Conduit Material		
	Unit	PVC
Specific Gravity	g/cm^3	1.35
Water Absorption	-	negligible
Module of Elasticity	kg/cm^2	30,000
Softening Temperature	°C	75-85
Forming Temperature	°C	120
Insulating Temperature	Megohm	2.8×10^5
Elongation at Tear	%	30