



## **Conduits for electrical installations - Rigid Non - Threadable conduits of aluminium alloy IS 9537 (part 8)**

When we think of Constructing a House, Building, Office, etc, we cannot ignore wiring and cabling for the same and we one use the best quality of wires and cables to ensure safety and reliability.

**But, what about the laying of these best quality cables and wires ??**

Here comes the solution...**CONDUITS!!**

CONDUITS are the basic material which are widely used for laying of wires and wires inside the walls and ceiling and it must be safe and sound to use. The conduits are available in materials like PVC, Steel and Aluminium alloys, etc.

**While choosing Conduits, one must be thinking of Size, Length, Strength, Durability, Compression, Resistance to Heat, Burn and other Electrical Characteristics.**

The consumers need not worry about above parameters as the **Indian Standard 9537 (Part 8) Rigid non - Threadable conduits of aluminium alloy** caters all these requirements and specifically mentions regarding the following aspects-

1. Materials
2. Dimensions
3. Bending
4. Compression
5. Impact and Strength
6. Resistance to Heat
7. Resistance to Burning

Also, the manufacturers, who are BIS Licence Holders as per IS 9537 (part 8) ensures the above parameters by testing their products in their labs/BIS recognised Labs and only conforming products are marked with ISI Mark.