



Copper Flexible Laminated Connector

Amiable impex We Are The Manufacturer and Exporter of Copper Flexible Laminated Connector.

We offer the finest quality Copper Flexible Laminated Connector that are manufactured by stacking several foils of electrolytic copper and then applying high current under high pressure. These types of flexible connectors are commonly used as the flexible expansion joints for connecting the bus bars in different applications.

Features of Copper Flexible Laminated Connector:

- Endurable and Long Lasting
- Available in different sizes
- Easy to use

Industry Use of Copper Flexible Laminated Connector:

- Switchgear industries
- Power plants
- Cathode Protection
- Bus Ducts
- Transformer
- V.C.B.
- Resistance welding engineering
- Electric Locomotives
- Galvanic Engineering
- Furnaces

Copper Flexible Laminated Connector are produced from high conductivity electrolytic grade copper foils/sheets. We follow various methods to produce these flexible jumpers.

The method used is described below:

Press Welding

In Press welding, individual Copper strips are fused (one homogeneous mass) together by applying direct current and pressure without the use of any foreign material. It results in producing a solid mass with properties of a plain bus bar of the same cross section. This method assures minimum resistance thus increasing the product life & reduction in downtime. Welding provides the best mechanical & electrical properties at high temperatures. These are available in all sizes covering the desired cross section area. Slotted holes can be provided up on request.

Copper Flexible Laminated Connector consist of several stacked strips with riveted or welded contact areas. They have a constant cross-section over the whole length. Bus bars and laminated connectors with the same cross-section can be loaded with the same current. A part of laminated connectors are utilized as flexible expansion

connectors in order to connect bus bars of switch gears, transformers, generators, etc. Thanks to their elasticity, thermal expansion of bus bars is being compensated.

Most of the parts are being used as expansion connectors to prevent damages by vibration caused by switch gear operations. Another part is utilised as flexible components inside parts of machines (Like welding machines or switch gears). These kind of connectors have to realise movement inside machines and switch gears. To manufacture suitable connectors for the variable applications we have different methods of production. So we are able to manufacture connectors in

- Press Riveted Design
- Fusion Welded or Soldered Design
- Press Welded Design

If want to order Please mention:

Outside length (O.L)

Width required (W)

Thickness (less clip) (T)

Hole Diameter

Type (letter shape)

Hole pattern & dimensions

Copper Flexible Laminated Connector is available in any shape required.



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