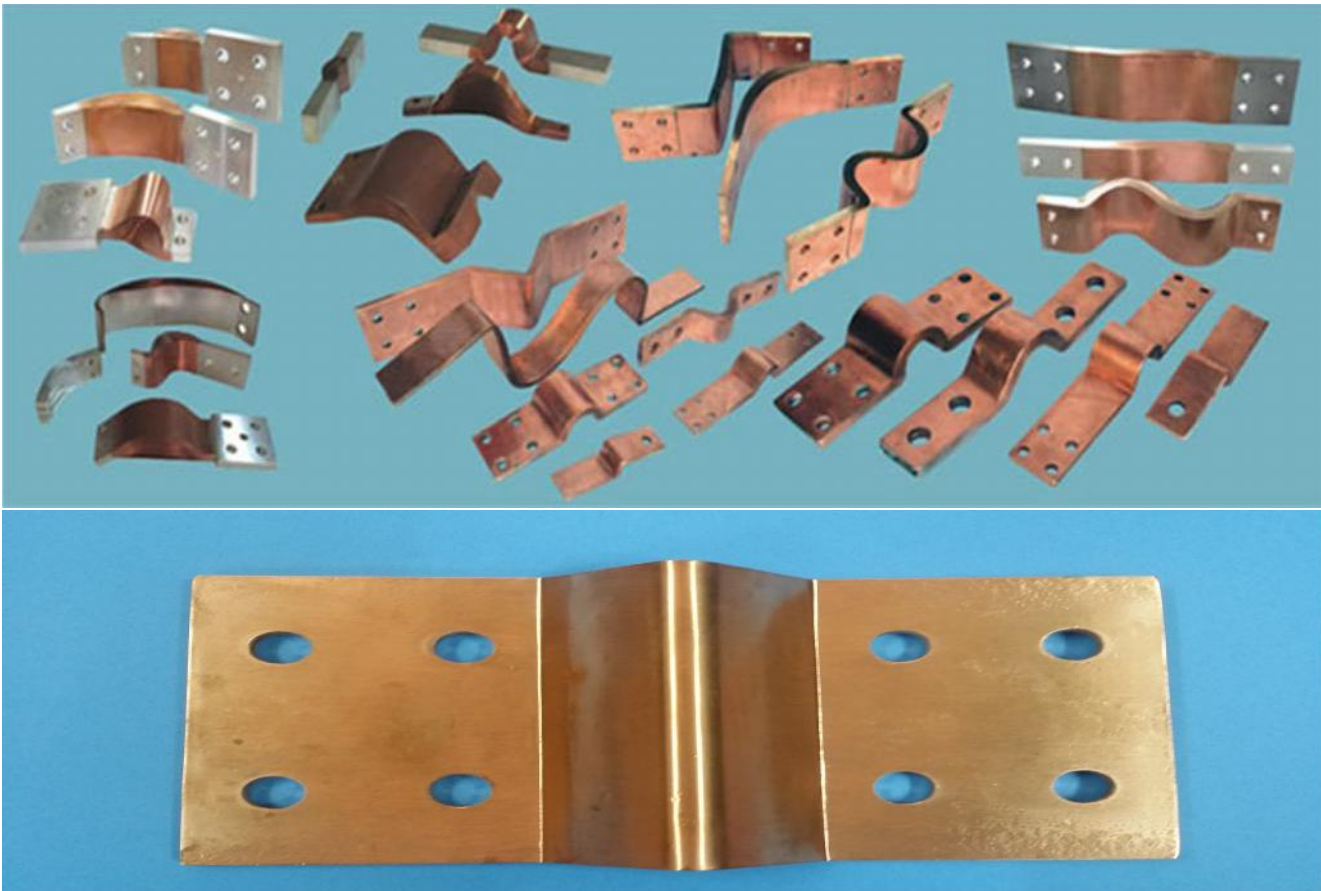


Copper Laminated Flexible Jumper

Amiable impex Are The Manufacturer and Exporters of Copper Laminated Flexible Jumper

Copper laminated flexible jumper are manufactured by stacking several foils of electrolytic copper and then applying high current under high pressure. This is a special metal diffusion whereby the metal itself melts and forms homogenous bonds thus giving a very negligible, almost nil, mill volt drop across the connector, thereby reducing the temperature rise and increasing the current carrying capacity of the jumper. In this process, no filler metal is used to join two layers together. They have a constant cross section over whole length. The current carrying capacity of solid bus bar and copper laminated jumper manufactured by this process is the same. Therefore Copper Laminated Flexible Jumper are a substitute for solid bus bar.

Copper Laminated Flexible Jumper are manufactured in all possible shapes & sizes as per customer's requirements. Some of various shapes are shown in the images.



Copper laminated flexible jumper are manufactured by laminating high conductivity, electrolytic grade copper foils. These laminated foils are then sweated or pressure welded / fused as per customer's requirements. Such copper jumpers carry the same current as that of Bus bars as they have a constant cross section over the whole

length giving a nil milliwat drop. So these jumpers are a best substitute for solid bus bars. Our Copper flexible jumpers are widely used in following Industries: Transformers switchgear's, power plants, Electric locomotives, furnaces, chemical plants, electricity boards & all current carrying equipment manufacturing Industries.

It is also possible to drill, saw, braze, mill & weld the contact areas without any problem. These types of flexible connectors are used as flexible expansion joints in order to connect bus bars in Switchgear industries,

- Power plants,
- Caustic Soda,
- Chlorine plant using mercury Cell,
- Modular Cell,
- Membrane Cell,
- Diaphragm Cell,
- Hydrochloride Cell,
- Manganese Dioxide Cell and Cathodes Protection,
- Bus Ducts, Transformer, V.C.B. ,
- Resistance welding engineering,
- In Electric Locomotives, Furnaces etc..

It is used as expansion connectors to prevent damages by other parts of machines or switchgears and to take care of thermal and dynamic stresses caused by short circuit current in the system. These jumpers have to realize movements inside machines and switchgear. Copper Laminated Flexible Jumper is individually designed and manufactured keeping in view the user's requirement and application. We also offer jumpers with contact area electro tinned, silver or gold plated to give perfect contact.

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

Regd. Office -

AMIABLE IMPEX.

11/Prem Nagar Building No.7,
Gobind Chhaya, Next.to MCF Garden
Prem Nagar, Borivali(W),
Mumbai – 400092.

AMIABLE IMPEX

Plot No.495, Rohitvas,
Motapondha, Vapi-396191
Gujarat,India.

Contact Person -

UJJWAL SHAH

E-mail: ujjwal@amiableimpexindia.com

Phone: 022-28957101 / 09029533151



Website: www.copperjumper.com