

# AI Earthing

UNDERSTANDS YOUR VALUES

The most important one of exothermic welding is being that the process produces a molecular joint and not just a mechanical one in between the conductors. Exothermic weld is produced through a starting reactant which provides enough energy to activate the welding reaction. This takes place quickly and safely inside a graphite mold. The mold is designed specifically for a certain union depending on the elements to be welded and the joint type required. We guarantee all types of joints, not only copper cable unions but also to weld tapes, brass metallic pieces, stainless steel, steel ground rods covered with copper, etc. It is especially useful for joining dissimilar metals.

**Copper Bonded Earth Rod**

**Exothermic Welding Accessories**

**Copper Braids**

**Copper Laminated Connectors**

**Clamps & Fittings**

*All Earthing Material We Manufacturer*



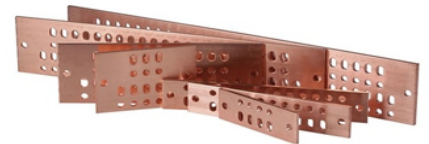
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www.ai-earthing.com





We AI Earthing are the Manufacturer for Exothermic Welding Powder and Exothermic Graphite Mold, Manufacturer of Copper Braids and Copper Flexible Connectors and Laminated Copper Flexible Connectors and Brass Part Fittings, Components and Accessories.

**Our Firm AI EARTHING is well-established organization in India and overseas market and Manufacturing and Export of the following products:**

- UL Listed Copper Bonded Rod
- Copper Bonded Earth Rod and its Accessories
- Exothermic Weld Powder & Graphite Molds
- Copper Braided & Copper Laminated Connectors
- Brass Parts Components and Accessories and Fitting
- Copper / Aluminium Cable Lugs
- All Earthing Material We Manufacturer

As one of India's most respected corporations, we have earned good reputation amongst our customers with Quality Assurance, On time delivery and High Customer Satisfaction. To ensure consistent product quality, we work within a quality system that is approved for ISO 9001 - 2008 certification. Our Exothermic Weld Powder meets IEEE 837-2002 Standard & Certified by CPRI - Govt. for Short Circuit Current Testing and we are Crisil Verified Company.

Strict quality checks are carried out at different stages of manufacturing and only that material which passes stringent norms finds its way into the market around the Globe.

We always believe in the power of our brands in doing the right thing - " We understand our Customer's Values".

### **Manufacturer of Exothermic Weld Powder & Graphite Molds:**

Exothermic weld is also known as exothermic bonding. There are many advantages of using exothermic weld. The most important one of exothermic welding is being that the process produces a molecular joint and not just a mechanical one in between the conductors. Exothermic weld is produced through a starting reactant which provides enough energy to activate the welding reaction. This takes place quickly and safely inside a graphite mold. The mold is designed specifically for a certain union depending on the elements to be welded and the joint type required. We guarantee all types of joints, not only copper cable unions but also to weld tapes, brass metallic pieces, stainless steel, steel ground rods covered with copper, etc. It is especially useful for joining dissimilar metals.

### **Features of Exothermic Weld:**

- Superior electrical conductivity to the conductors themselves.
- Does not corrode, oxidize or degrade with time and is resistant to galvanic coupling.
- Able to withstand repeated electrical discharges.
- Never increases its resistance.
- Has greater mechanical and squeezing resistance than the conductors themselves.



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**100 Micron Copper Bonded Earth Rod**



**UL Listed 250 Micron Copper Bonded Earth Rod**



**25 Micron Copper Bonded Earth Rod**



**200 Micron Copper Bonded Earth Rod**



**UL Listed Copper Bonded Rod**



**Solid Copper Earth Rod**



**Welded Clamp Copper Bonded Earth Rod**



**Welding File Card Cleaning Brush**



**Welding Flame Torch**



**Exothermic Welding Graphite Mould**



**Welding Leather Hand Gloves**



**Welding Lint Igniter or Gun**



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**Welding Mould Handle  
Clamp**



**Welding Slag Removal  
Tool**



**Welding Soft Brush &  
Hard Brush**



**Steel Disk for welding**



**Welding Sunglasses**



**flexible copper braid**



**Copper Braid Bond**



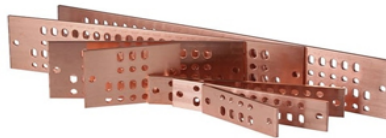
**Copper Braid Rope**



**flat copper braid**



**Round Copper Braid**



**Copper Laminated Bus  
Bar**



**Copper Laminated Flexible  
Connector**

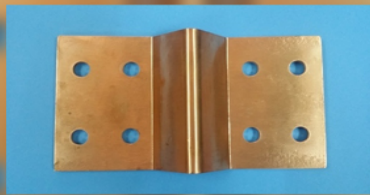


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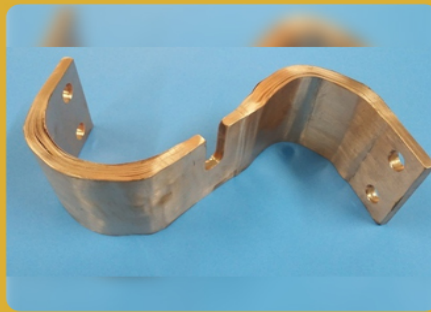


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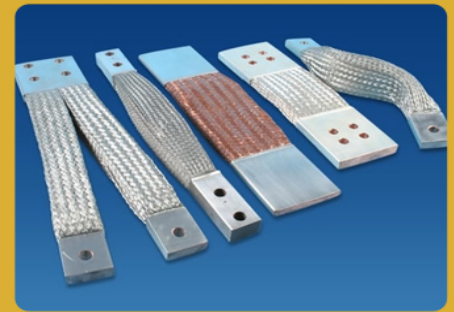




**copper laminated flexible jumper**



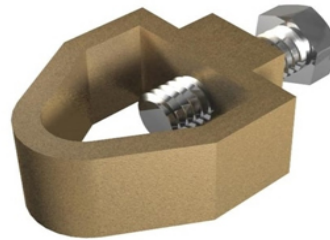
**Copper Laminated Flexible Shunt**



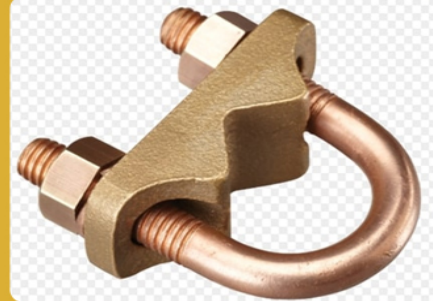
**Copper Laminated Strip Connector**



**Cable Cross Clamp**



**Rod to tape clamp**



**u bolt rod clamp**



**Bimetallic lug**



**Copper Bonded Rod Coupler**



**Dc tape clip**



**Earth Bond Tape & Clamp**



**Copper / Aluminium Cable Lugs**



**Heavy Duty Cable Saddle**



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**Square Tape Clamp**



**Universal Clamp**



**Water Pipe Clamp**



**Exothermic Welding Powder**



**Thermite Welding Powder**



**Ignite Welding Powder**



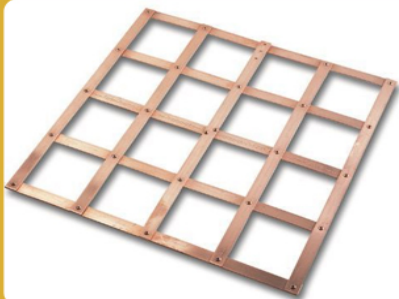
**Aluminum Split Bolt Connector**



**Copper Bonded Plate**



**Copper Clad Ground Rod**



**Copper Lattice Ground Earth Mat**



**Copper Lighting Arrester Rod**



**Earth Pit Cover**



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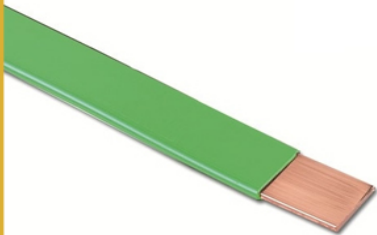
**Earthing Compound**



**Gi Earthing Electrodes**



**Gi Earthing Strip**



**Pvc Coated Copper Tape**



**Iron junction box**



**Galvanized Steel Earth Rod**



**Disconnecting Link Earth Bar**



**Cross Earth Rod**



**Copper Bonded Ground Pipe**



**Copper Bonded Earth Strip**



**Brass split bolt connector**



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