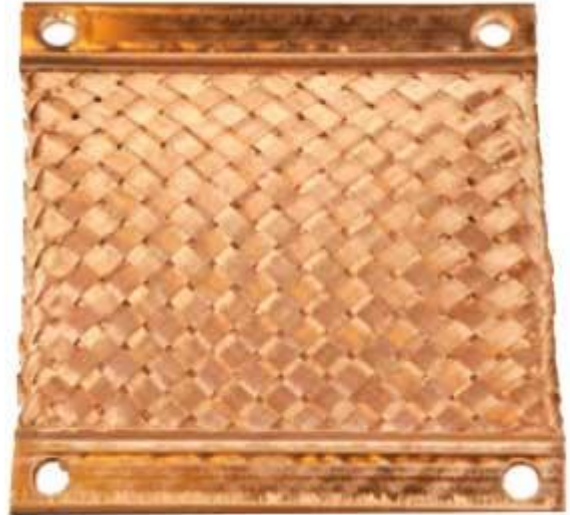


Copper Pad for NDT Applications

Product Description:

The **Copper Pad** is an essential accessory used in **Magnetic Particle Inspection (MPI)** and **Non-Destructive Testing (NDT)** to ensure proper electrical contact between the test surface and the inspection equipment. It helps in reducing **burn marks and arcing**, providing a smooth and efficient current flow during testing. These pads are commonly used in industries such as **aerospace, automotive, oil & gas, and heavy manufacturing** where precise and reliable inspections are required.



Key Features:

- ✓ **High Conductivity** – Made from high-purity copper for superior electrical contact.
- ✓ **Prevents Surface Damage** – Reduces the risk of burn marks or arcing during MPI.
- ✓ **Flexible & Durable** – Designed to withstand repeated use in industrial environments.
- ✓ **Customizable Sizes** – Available in various thicknesses and dimensions to suit different applications.
- ✓ **Corrosion-Resistant** – Treated for enhanced durability in harsh conditions.

Technical Data Sheet:

Parameter	Specification
Material	High-Purity Copper
Colour	Copper (Natural Finish)

Thickness	0.5mm – 5mm (Customizable)
Dimensions	Standard & Custom Sizes Available
Conductivity	99% IACS (International Annealed Copper Standard)
Operating Temperature	-50°C to 200°C
Application	Magnetic Particle Inspection (MPI), Eddy Current Testing (ECT), Electrical Contact Pads
Compliance	ASTM E709, ASTM E1444

Applications:

- ◆ **Magnetic Particle Testing (MPI)**
- ◆ **Eddy Current Testing (ECT)**
- ◆ **Aerospace & Automotive NDT**
- ◆ **Welding Inspection**
- ◆ **Oil & Gas Pipeline Testing**