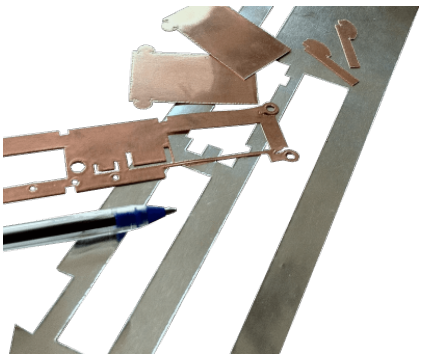
High-precision conductive EMI foil shaping

Customized solutions

We provide two standard materials:Mu-copper and Amucor. We can cut and bend these materials into any desired shape.



Our EMI shielding foils and tapes can be cut into any desired shape

Advantages

- Any size or shape
- Cut and/or shaped according to your CAD drawing
- Low tooling cost
- Short delivery times

Mu-copper foil (tinned)

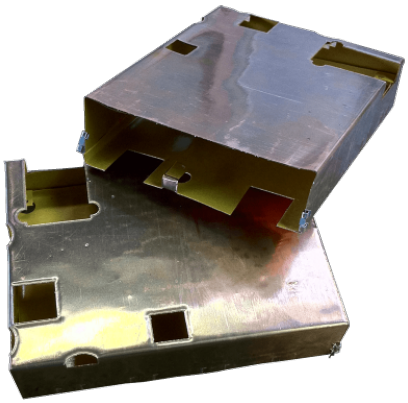
Mu-copper is an alloy based on copper with ferriferous materialwhich offersincreased shielding effectiveness at low frequencies compared to unalloyed copper. Mu-copper (tinned) can be soldered easily and provides high electrical conductivity.

Available thicknesses

(Tinned) Mu-copper: 0.035, 0.12, 0.18 mm thick.

Options

- Tin-plated copper version
- With (conductive) adhesive layer
- Electrically insulating layer
- Flame-retardant UL94V0 layer
- or any custom configuration



We can also cut a rash that can be easily bent into a shape to e.g.shield a plastic electronics enclosure

Amucor foil (silver coloured)

Amucor is an alloy based on aluminium but with better corrosion resistance than regular aluminium. In addition, Amucor foil is reinforced to prevent the rupturing or cracking often associated with thin regular aluminium foil.

Amucor with self-adhesive is mainly used to shield plastic housingswhen spraying with conductive paintdoes not yieldthe desired result. Amucor provides superior shielding effectiveness and electrical conductivity compared to even the best paints on the market.

All shielding parts are available with the following options:

- Electrically insulating layer
- Flame-retardant UL94V0 layer
- Regular self-adhesive
- Conductive self-adhesive

Applications

- Shielding plastic enclosure parts
- Shielding any non-conductive material
- Ground plane
- Antistaticfloor
- Electrical connection between surfaces (sheets / foils)
- Die-cuts
- Shielding in housings
- Shielding cables
- Temporary shielding during tests

Conductive foil forming

Drawing

Upload your drawings via the following file upload field

Produkt anfragen