

Storage & Handling

Cold Reduced Electrolytic **Tinplate Steel** / TS275E8.4/8.4 EN 10202:2001

The materials used to fabricate these components are based on mild steel with less than 0.12% Carbon and no more than 1% alloying elements and naturally occurring impurities. Major shielding elements are thus ferrous and tin. The thin resultant layer of tin enables shields to be easily soldered to PC boards as well as to resist corrosion during the assembly process. Tin plate items offer the most cost effective shielding protection provided the following care is taken during storage and handling:

1. Do not pass these components through a salt bath test, they are not designed for such severe treatment. Alternate materials (albeit more expensive) are available.
2. Components should be left in the package trays until assembly to preserve component planarity.
3. Store in a cool dry place and avoid water or other liquids from coming into contact with components.
4. Mild scratching and scuffs are natural for processed components from pre-plated material. Protective films can be ordered especially for unblemished finish of components.
5. Extremely thin film of oil may cover some components. This does not affect soldering and need not to be removed.

Tinplate components constitute over 85% of the materials used in the Masach production program and have been proven effective in their respective applications.

Cold Reduced **Nickel Silver** Alloy Strip / UNS C77000 / UNS C73500

Chemical Composition 55% Copper, 27% Zinc And 18% Ni. Major shielding elements in this alloy are copper and nickel. Reflow temperatures are slightly higher than tin plate components and the use of suitable fluxes are needed to avoid excessive oxidation.

Nickel Silver components do not require extra plating due to their good solder ability, attractive finish and corrosion resistance.

1. Components should be left in the package trays until assembly to preserve component planarity.
2. Store in a cool dry place and avoid water or other liquids from coming into contact with components.
3. Mild scratching and scuffs are natural for processed components from Nickel Silver. Protective films can be ordered especially for unblemished finish of components.
4. Extremely thin film of oil may cover some components. This does not affect soldering and need not to be removed.

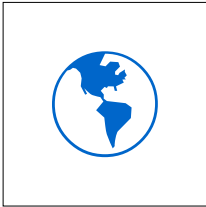
Nickel Silver components complement the Masach production programme and have proven effective in their respective applications.

(Disclaimer: The above given information is intended only for guidance purpose & technical support of the intended recipient. This information is not to be used for any litigation purpose)

Global Product Availability



Global Recognition



We continue to develop innovative products utilizing new manufacturing techniques, serving our ever-growing network of worldwide distributors and customers.

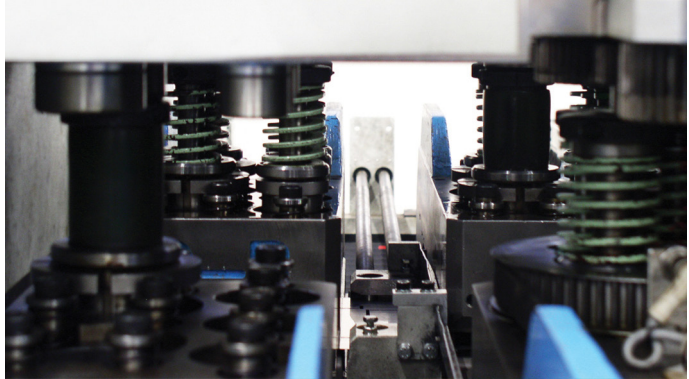
Contact your local distributor or shop online: [Contact Us](#)

AS9100D Certified



AS9100D certified, we are committed to delivering the highest quality products and services at the forefront of aerospace technology.

Green Policy



RoHS & REACH Compliant



We use only fabricated materials that are RoHS and Reach compatible, with standards continually updated. COC of base material used is available upon request.

Scrap and Discarded Material

All material scrap resultant from the fabrication process is gathered and stored in separate bins for subsequent recycling. We pride ourselves in achieving 100% recycling of all metallic waste. Plastic sheet scrap resultant from the vacuum form process is 100% recycled via the raw material provider. We encourage our customers to return the vacuum form package trays and packing cartons for future recycling.



Environment

Our modern fabrication plant and facilities are surrounded by trees, shrubs and flower beds. Water condensed from the plant's air conditioners serve to water our gardens, requiring no additional irrigation.

Where To Buy?

Contact your local distributor
or shop online



Explore More

View our wide range of Drawn-Seamless EMI/RFI Shields



www.masach.com

