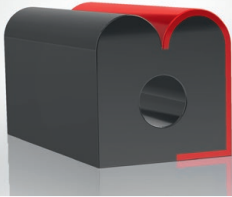


EMC Shielding Materials

Coextruded Elastomers

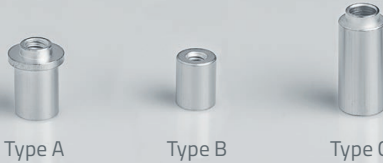


The coextruded elastomer profiles consist of a conductive and a non-conductive elastomer. In addition to excellent EMC shielding properties, the profiles, which are produced in a single extrusion process, also offer high protection against environmental influences.

- Combi-gasket for EMC and environmental protection
- Shielding values between 80 and 120 dB
- Highest environmental protection (up to IP68) of the non-conductive area
- Use of fluorosilicone if material should be resistant against aggressive substances
- Cost-effective solution compared to two separate gaskets
- Customer-specific manufacturing
- Temperature range: -55 to +160 °C

EMC Metal Parts

SMD Fasteners



SMD fasteners are used on the PCB as a mounting option or as a spacer and are available in three different types:

- with positioner / with thread (Type A)
- without positioner / with thread (Type B)
- with positioner / without thread (Type C)

Furthermore they can be used to conduct electrical signals, for ground connection or for thermal management. As surface mounting fasteners are designed for fully automated production, manufacturing processes can be significantly optimized due to simple and fast assembly.

- Easy to assemble
- Precise position on the PCB
- Tin-plated as standard for best solderability; gold plating on request
- Optionally bulk type packing
- Customer specific parts available

1C Gap Filler – Silicone Free

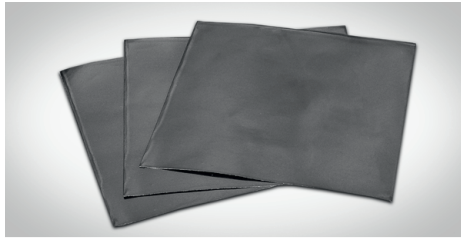


The one component gap filler is a silicone free high performance thermally conductive compound that will not dry out. Due to the low viscosity it is easy to apply and can be used with autodispensing equipment.

The thermally conductive putty is halogen free and offers extra reassurance in applications where hazardous substances are forbidden.

- Silicone free
- Never dries out
- Natural tacky and low contact resistance
- Good compressibility
- Easy to apply
- Suitable for auto-dispensing
- Also available with glass balls as spacer

Graphite Foils



Graphite interface materials are made from pure graphite and are not electrically insulating. They combine high thermal conductivity with very low thermal contact resistance. The graphite structure's thermal conductivity in the X-Y direction and Z direction is anisotropic.

These interface materials are ideal for heat dissipation away from hot spots. Due to their natural softness, they adapt perfectly to the contact surfaces even under little pressure, expelling air pockets and greatly reducing thermal contact resistance.

- Excellent thermal conductivity
- Very low heat transfer resistance
- Good compression set
- Excellent processability
- Effectively replace thermal pastes