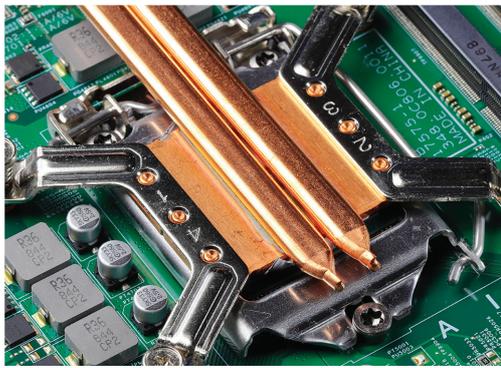




Specialist of **TAILORED**
EMI Shielding & THERMAL
Management Solutions



an **Expert** at your side
from the **Design**

to the **completion** of
your **Project**

AB2E supports you with its cutting-edge expertise and high-performance technologies to ensure the success of your projects.

EMI shielding / Electrically Conductive

- PCB Easy Shield Prototyping Board Cover
- Custom One-Piece Board Level Shields



- Custom Two-Pieces Board Level Shields Frame & Cover
- Clips metal parts



- Fabric-over-Foam (FOF) Gaskets
- Oriented Wire
- Wire Mesh Gaskets



- Mini Gold plated SMD
- Cu/Be & plating Fingerstock Contact Springs



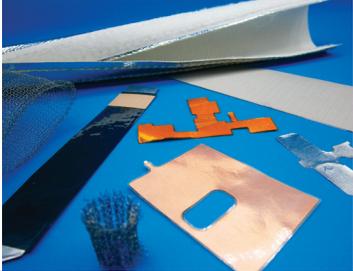
- Electrically Conductive Form-in-Place Material Gaskets



- Molded, Extruded, Die-cut Electrically Conductive elastomers gaskets for connectors



- Metal Foil Tape
- EMI Shielding Cable Wrap
- Electrical Heat Shrink Tubing
- EMI Shielding Laminates



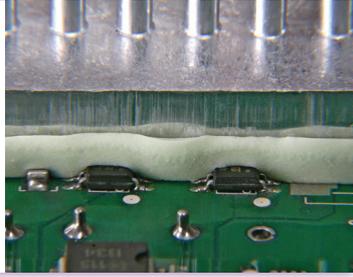
- EMI Shielded Air Ventilation Panels
- EMI windows displays & conductive
- Earth braid



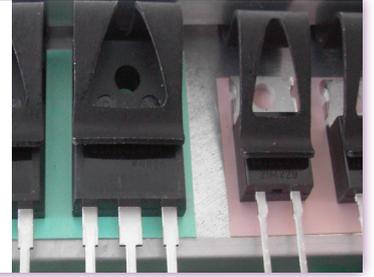
TECHNICAL FEATURES	
Shielding attenuation	from 40 dB to 120 dB depending on product
Frequency Range	from 10 KHz to 18 GHz depending on product
Material used	Silicon, Fluoro-Silicon, EPDM, Neoprene, Monel, Fabric, Knitting, Steel, Copper, Brass, Polycarbonate, Glass
Conductive Charges	Carbon, Nickel, Ni/Gr, Al/Ag, Cu/Ag
Product Standards	Industrial, Civilian, Military/Defense, Aerospace, Medical, RoHs, Reach

Thermal Management materials

- Thermal Pads / Gap Pad Fillers
- Thermal Conductive Foam



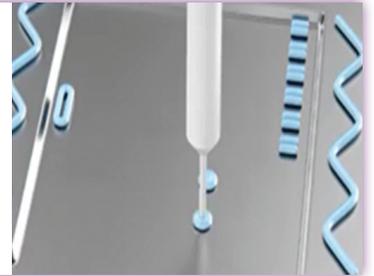
- High-Performance Thermal Pad / Foil
- Double-sided PSA Tape



- Phase Change Materials
- High-conductivity Graphite Foil



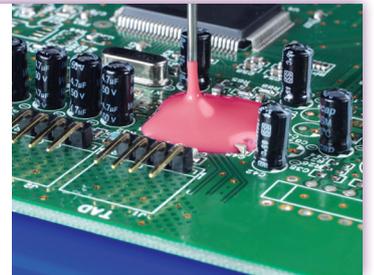
- In-situ application of Gaps Fillers
- Thermal Putty



- Thermal systems
- Heat sinks
- Cold Plate
- Heat-Pipes
- Caloducs
- Vapor Chamber



- Thermally Conductive Grease
- Potting Gel



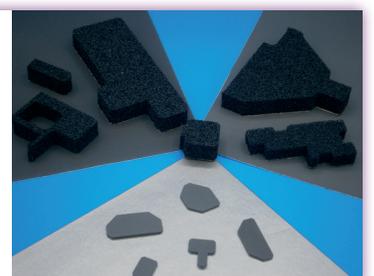
UL94 HF1 Foam

- Flame retardant UL94 HF-1 Air-filtering Foam



Microwave Absorbers

- Microwave Absorbers from 1 to 40 GHz



TECHNICAL FEATURES

Thermal conductivity depending on product range	from 0.4 W/mK to 50 W/mK
Hardness	from 5 Sh A to 90 Sh A
Available Thicknesses depending on product	from 0.03 mm to 12 mm
Breakdown Voltage	depending on product
Self Adhesive or not	depending on product
Possibilities of UL 94 HB, VO or V1	depending on product

AB2E Worldwide Partners



Our Areas of Expertise

- ✓ Research based on **Customer Technical Specifications**
- ✓ **Custom Product Development and Design** (Prototype)
- ✓ **Manufacturing** of the finished product



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