



*mtc* has extended its portfolio for EMC products and introduces

### **Microwave Absorbers**

for a wide variety of application possibilities.

Microwave absorbers are e.g. used to lower the “Q” of the cavity and absorb surface currents which degrade component performance.

Their fillers are “lossy” at microwave frequencies and absorb the microwave energy into heat.

Microwave absorbers can be used in combination with *mtc*’s EMC gaskets.

#### **KEY FEATURES**

- Attenuation of very high frequencies by absorption
- Prevention of resonances in cavities
- Material types:
  - Flexible and thin magnetically loaded rubber absorbers
  - Flexible dielectric foam absorbers
- Tough and environmentally resistant
- Standard sheet size: 610x610 mm; die cut components also available
- Thickness range from 0.15 to 76.20 mm depending on the absorber type
- Pressure sensitive adhesive provides ease of installation
- Flame retardant UL94-V0 version available
- Optimization of material for a specific customer frequency is possible for little or no charge

#### **APPLICATIONS**

- Military
- Automotive
- Telecommunications
- Antennas
- EMC applications
- In Board level shields on PCBs