

# INTRODUCING EMI SHIELDING CONDUCTIVE ELASTOMERS

Conductive Elastomers are fully cured silicones or fluorosilicone loaded with electrically conductive particles providing superior EMI/RFI shielding performance combined with excellent environmental sealing. The various conductive fillers are designed to ensure galvanic compatibility whilst providing low contact resistance between mating surfaces.

## APPLICATIONS

Designed to ensure galvanic compatibility whilst providing low contact resistance between mating surfaces for

- Industrial controls
- Instruments
- Military equipment
- Avionics
- Medical electronics
- Electronic equipment enclosures

## MATERIALS

- **Type:** Silicone Nickel Graphite, Fluorosilicone Nickel Graphite, Silicone Silver Aluminum, Fluorosilicone Silver Plated Aluminum
- **Color:** Grey, Yellow, Green
- **Marking:** No marking
- **Material Resistance:** Fluid resistant, and flame retardant (SNG-FR molding grade only)



## KEY BENEFITS

- Highly conductive EMI/RFI gasket and environmental seal
- Thickness from 0.5mm
- Fluorosilicone materials ideal for harsh environments
- Fuel oils and solvents resistant (fluorosilicone versions)
- Choice of materials for galvanic compatibility
- Flame retardant (SNG-FR only, molding grade only)

## STANDARDS AND SPECIFICATIONS

- Meets to UL94 V-0 (SNG-FR only, molding grade only)

## LEARN MORE

- [Landing Page](#)
- [Video](#)
- [Brochure](#)