



# ULTRAFLEX™ CONDUCTIVE FOAM

## Mechanical Properties

- Material Specification: Flame-retardant nickel-plated copper polyurethane foam protected between two layers of conductive polyester fabric
- Adhesive: 0.002"-thick nickel-filled conductive acrylic tape
- Configurations: Sheets, strips, or custom die-cuts
- Deflection Range: 30%-75% deflection
- Compression Force: 2.1 pounds per square inch at 30% deflection
- Temperature Range: -40°F to 158°F (-40°C to 70°C)
- Flammability: UL94HB

## Electrical Properties

- Surface Resistivity: <0.02 ohms per square inch
- Z Resistivity: <0.01 ohms
- Shielding Effectiveness: >60dB attenuation 30MHz to 3GHz

## Environmental Properties

- Shelf Life: 2 years if stored in a temperature- and humidity-controlled environment

# HOW TO ORDER METALIZED FABRIC GASKETS

Sample Part Number: 125R250-024000N

