



## High-Temp Fabric Shielding Gasket Specification

### Material Characteristics

- **Copper and Nickel Fabric:** 0.0037 +/- 0.0004 in (0.095 +/- 0.01 mm)
- **Hi temp hot melt adhesive :** 0.0035 +/- 0.0004 in (0.090 +/- 0.01 mm)
- **Urethane foam core**
  - **Hardness:** 80 +/- 10 ASKER
  - **Density:** 0.0016 +/- 0.0002 lb/in<sup>3</sup> (45 +/- 5 kg/m<sup>3</sup>)
- **Non-Conductive PSA:** 0.0019 +/- 0.0004 in (0.048 +/- 0.01 mm)
  - **Peel Strength:** ≥ 2.9 lb/in
- **Halogen Free**

HIGH-TEMP FABRIC SHIELDING GASKET SPECIFICATION

Test	Specimen Dimensions (mm)	Test Conditions			Test Standards	
		Temp (°C)	Time (H)	Humidity	Resilience	Resistivity
Reliability Test	9x4x100	85	24	67%	≤30%	≤0.1 Ω
		100	24	67%	≤30%	≤0.1 Ω
		120	24	67%	≤30%	≤0.1 Ω
		135	24	67%	≤30%	≤0.1 Ω
	10x10x100	85	24	67%	≤30%	≤0.1 Ω
		100	24	67%	≤30%	≤0.1 Ω
		120	24	67%	≤30%	≤0.1 Ω
		135	24	67%	≤30%	≤0.1 Ω
	13x10x100	85	24	67%	≤30%	≤0.1 Ω
		100	24	67%	≤30%	≤0.1 Ω
		120	24	67%	≤30%	≤0.1 Ω
		135	24	67%	≤30%	≤0.1 Ω

### Applications

- Intricate die cut forms
- I/O panels
- Backplanes
- Connectors
- Access panels

### Performance

- Operating Temperature:** -40°F to 275°F (-40°C to 135°C)
- Surface Resistivity:** <0.05 Ω/in<sup>2</sup>
- Flammability Rating:** UL94V0
- Shielding Effectiveness:** >70 dB

