



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/in³ (45 +/- 5 kg/m³)
- **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/in²

Flammability Rating:

UL94V0

Shielding Effectiveness:

>70 dB

