



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



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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: $< 0.05 \Omega/\text{in}^2$

Flammability Rating: UL94V0

Shielding Effectiveness: > 70 dB



Fabric Shielding Gasket

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ISO 9001: 2015

