

# 2500 Series UL94 V-0 Halogen Free Fabric Over Foam



Tech Etch introduces our new 2500 series fabric-over-foam product offering. These gaskets are certified UL94 V-0 and are halogen-free, available in over 150 profiles and sizes. Our gaskets feature electrically-conductive, nickel-plated copper-nylon ripstop fabric, providing the necessary electrical characteristics for high attenuation shielding. The innovative bonding of the conductive substrate to the foam core ensures easy installation with self-terminating gaskets, available in standard or custom lengths. Compliant with RoHS, REACH, and UL94 V-0.

## SPECIFICATIONS

VALUE	CHARACTERISTIC	UNIT OF MEASURE	TEST METHOD
SURFACE RESISTIVITY	inch	≤0.07	ASTM F390
SHIELDING EFFECTIVENESS	dB	≤85 (10MHz-3GHz)	MIL DTL 83528C
COMPRESSION SET	inch	≤15%	ASTM 3574
COMPRESSION FORCE	lbs per sq. inch	1-3 at 50% compression	/
FLAME RETARDANT GRADE	/	V-0 Halogen Free	UL94

## STICK ON MOUNTING

Uses double-sided pressure sensitive transfer tape for a fast, reliable installation (3M 467 nonconductive adhesive or equivalent). Apply only on a clean, oil-free surface and allow a 24-hour cure time. Conductive tape available, please consult factory.

## MATERIAL CHARACTERISTICS

High Shielding Effectiveness  
 Low Compression  
 Low Surface Resistivity  
 Operating Temperature: -40°F–158°F (-40°C–70°C)  
 Fabric – Nickel Copper Ripstop  
 Core – Open Cell Polyurethane



## APPLICATIONS

Access Panels  
 Connectors  
 Grounding of Enclosures  
 Hinged Doors  
 I/O Panels  
 Shielding

## TOLERANCES

PROFILE	LENGTH			
±0.10in (0.25mm) for all dimensions up to 0.04in (1.02mm)	0.20 to 6.00in	(5-152mm)	±0.03in	(0.76mm)
±0.20in (0.50mm) for all dimensions above 0.04in (1.02mm)	6.01 to 18.00in	(153-457mm)	±0.06in	(1.52mm)
Larger sizes available. Please consult factory.	18.01 to 48.00in	(458-1219mm)	±0.08in	(2.03mm)

**INNOVATING A BETTER WORLD, ONE PART AT A TIME.**



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