

## 300 Series Fabric-over-Foam Gaskets

**DESCRIPTION:** An EMI gasket consisting of a flexible metalized fabric plated with a nickel top layer bonded to a resilient foam core and supplied with pressure sensitive adhesive (PSA). The nickel supplies corrosion resistance and galvanic compatibility. The PSA is configured using All Products design, ensuring conductivity with the applied surface.

**APPLICATIONS:** EMI/RFI shielding.

### TECHNICAL DATA

<b>Fabric:</b>	Nickel over Copper Plated	
<b>Foam Core:</b>	Closed Cell EPDM	
<b>Fabric Thickness:</b>	0.004 in	0.102 mm
<b>Surface Resistance:</b>	< 0.05 ohms/sq average	
<b>Shielding Effectiveness*:</b>	85-110 dB attenuation from 20 MHz to 1 GHz	
<b>Metal Adhesion:</b>	Pass, no metal loss	
<b>Cold Exposure:</b>	No cracking	
<b>Salt Fog Resistance:</b>	Pass	
<b>Compression Set*:</b>	2-15%	
<b>Durometer (Shore 00):</b>	50-60	
<b>Compression Deflection*:</b>	< 1 lb/in	< 6895 Pa (N/m <sup>2</sup> )
<b>Temperature Range:</b>	-40 to 250° F	-40 to 120° C

\*Shielding Effectiveness, Compression Set and Compression Deflection are profile specific and vary per profile shape.

### **IMPORTANT INFORMATION:**

The information cited is in good faith and has been established from sources held to be secure and reliable. The values listed are typical properties and are not intended to be used as specifications for defined applications.