



## CFS Conductive Foam Shielding Material for Die-Cut Gaskets

CFS Conductive Foam Shielding Material consists of resilient Nickel-Copper polyurethane foam which is layered between two pieces of conductive polyester fabric. This CFS Conductive Foam is ideal for applications that require low compression forces but excellent Shielding Effectiveness.

CFS CONDUCTIVE FOAM SHIELDING MATERIAL		
PART NUMBER	STD SHEET SIZE	ADHESIVE
CFS1919060-NTP	19x19x .060	No
CFS1919060	19x19x .060	Yes
CFS1919098-NTP	19x19x .098	No
CFS1919098	19x19x .098	Yes
CFS1919138-NTP	19x19x .138	No
CFS1919138	19x19x .138	Yes
CFS2222060V1-NTP *	22x22x .060	No
CFS2222060V1	22x22x .060	Yes

\*Other sizes available - Consult Applications Engineering



### Material Characteristics

- High Shielding Effectiveness
- Low Compression
- Low Surface Resistivity

### Applications

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

### Availability

- Sheets:  
up to 1.0m x 1.0m  
Custom Sizes Available
- Finishing:  
Precision Die-Cut Forms & Shapes  
Available with Conductive Adhesive

### Performance

- **Operating Temperatures:**  
-40F – +156F (-40C - +70C)
- **Surface Resistivity:**  
<0.2 ohms/sq
- **Shielding Effectiveness:**  
60dB Typical 10MHz – 3GHz
- **Flammability:**  
UL94-HBF Unless otherwise noted  
UL94-V1 \*
- **Typical Compression Load:**  
2.1 PSI at recommended  
30% compression