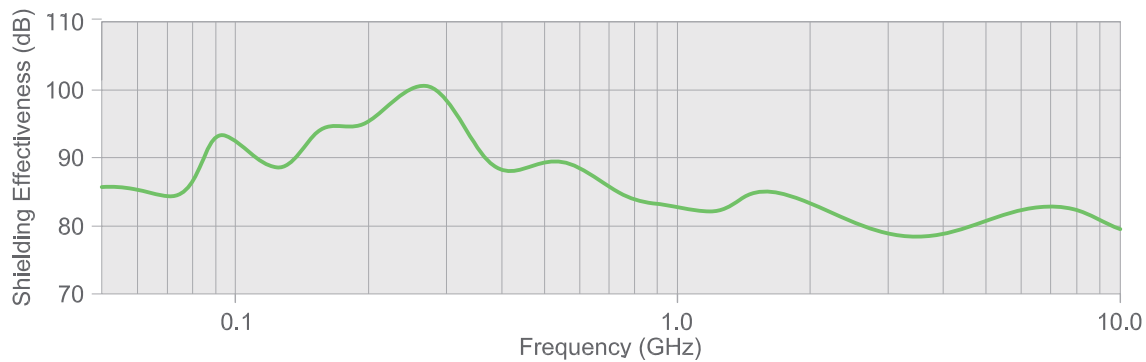


Waveseal Conductive Foam shielding material is suited for applications requiring excellent shielding effectiveness and low closure force. This cost effective solution consists of two layers of highly conductive and tear resistant polyester fabric covering one layer of conductive polyurethane foam. Provided in sheet form, the material is extremely versatile and can easily be fabricated into various shapes and sizes including I/O Panels, Connector Gaskets, Backplanes and Access Panels.

Shielding Performance



Sheet Stock

Sheet Thickness	(250x250)	(500x500)	(500x1000)	(1000x1000)
.040 (1.0)	WS-4410-01-A	WS-4410-02-A	WS-4410-03-A	WS-4410-04-A
.060 (1.5)	WS-4415-01-A	WS-4415-02-A	WS-4415-03-A	WS-4415-04-A
.080 (2.0)	WS-4420-01-A	WS-4420-02-A	WS-4420-03-A	WS-4420-04-A
.100 (2.5)	WS-4425-01-A	WS-4425-02-A	WS-4425-03-A	WS-4425-04-A
.120 (3.0)	WS-4430-01-A	WS-4430-02-A	WS-4430-03-A	WS-4430-04-A
.140 (3.5)	WS-4435-01-A	WS-4435-02-A	WS-4435-03-A	WS-4435-04-A

Compression Data (PSI)

Sheet Thickness	10%	20%	30%	40%	50%
.040 (1.0)	1.64	2.57	5.08	10.60	18.20
.080 (2.0)	1.06	1.23	2.16	4.06	11.76
.120 (3.0)	0.89	1.15	1.47	2.60	5.09

Features

- High Shielding Performance
- Very Low Compression Force
- Cuts Easily into Intricate Shapes
- Standard with Conductive PSA
- Easy to Peel and Stick
- Low Cost EMI Gasket

Properties

- Shielding Effectiveness: 75dB (min) 10MHz - 10GHz
- Z-Resistivity: < .2 Ω /sq.
- Temp Range: -40°F to 200°F
- Avg. Compression: 2PSI @ 30%
- RoHS & REACH Compliant

Applications

- I/O Panels
- Connector Gaskets
- Backplanes
- Access Panels
- Door Seams
- PCB Shielding