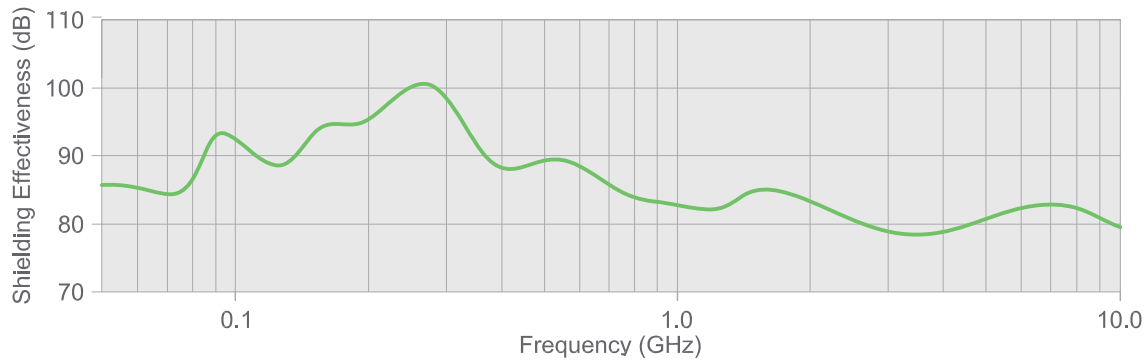


Waveseal Conductive PE Foam shielding material is designed for applications requiring excellent shielding effectiveness and low closure force. This cost effective solution is made from highly conductive, light weight, and tear resistant fabric which has been plated with copper and nickel. Manufactured in sheet form the material is extremely versatile, has excellent thickness tolerance, and can easily be fabricated into various shapes and sizes. Typical applications where waveseal Conductive PE Foam is commonly utilized include I/O Panels, Connector Gaskets, Backplanes, and Access Panels. Conductive PE Foam is offered standard with Conductive Pressure Sensitive Adhesive (PSA) but it can be ordered without this adhesive as well.

Shielding Performance



Sheet Stock

Sheet Thickness	(250x250)	(500x500)	(500x1000)	(1000x1000)
.020 (0.5)	WS-4505-01-A	WS-4505-02-A	WS-4505-03-A	WS-4505-04-A
.030 (0.7)	WS-4507-01-A	WS-4507-02-A	WS-4507-03-A	WS-4507-04-A
.040 (1.0)	WS-4510-01-A	WS-4510-02-A	WS-4510-03-A	WS-4510-04-A
.060 (1.5)	WS-4515-01-A	WS-4515-02-A	WS-4515-03-A	WS-4515-04-A

Compression Data (PSI)

Sheet Thickness	10%	20%	30%	40%	50%
.020 (0.5)	6.73	13.89	22.09	30.25	55.60
.040 (1.0)	3.34	6.46	10.54	15.61	23.35
.060 (1.5)	1.48	1.83	2.60	5.09	15.06

Features

- High Shielding Performance
- Very Low Compression Force
- Cuts Easily into Intricate Shapes
- Standard with Conductive PSA
- Easy to Peel and Stick
- Excellent Thickness Tolerance

Properties

- Shielding Effectiveness: 75dB (min) 10MHz - 10GHz
- Z-Resistivity: $< .2 \Omega/\text{sq.}$
- 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