

Nickel – Copper Plated Fabric With Adhesive Backing (25-0215-0019 Series)

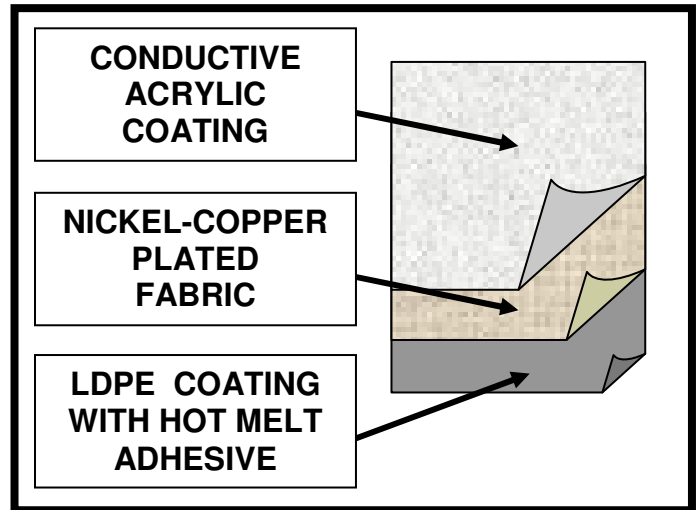
Product Summary

This internal material numbered product is a Nickel – Copper Plated Fabric with a heat activated conductive adhesive backing. It is utilized as a “skin” for EMI Fabric Over Foam gaskets.

Product Application

This product is typically applied over a variety of foam profiles to make Fabric Over Foam gaskets. This is done by running both the core foam and the slitted to size fabric through a series of dies to conform the conductive fabric to the foam shape. In the last stage the formed gasket is run through a heated die to activate the adhesive and finish the product.

This material is flexible enough to be used as wall covering in shielded rooms and glove boxes as well as for pouches and covers for peripheral electronics devices. The fabric will also shield cables in round or flat configurations.

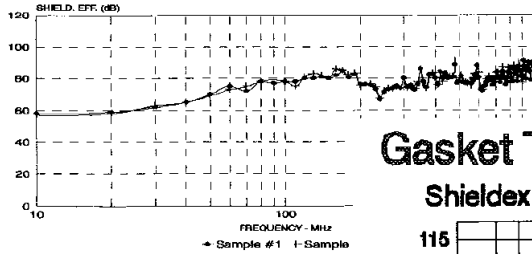


Product Technical Data

PURPOSE:	Conductive Gasket Skin (EMI/RFI Shielding)
DESCRIPTION:	Nickel Copper Plated Fabric Mounted on PE with hot melt adhesive
SURFACE RESISTIVITY:	0.09 Ohms/□ Max - Average 0.05 Ohms /□
SHIELDING EFFECTIVENESS:	Average 85 dB from 30 Mhz to 1 Ghz
ABRASION RESISTANCE:	1,000,000 Cycles
TEMPERATURE RANGE:	-30°C to 90°C
TOTAL THICKNESS:	.009" to .0115" Nominal
ADHESIVE TACK TEMP.:	212°F (100°C)
NUMBER OF SPLICES:	Average 1:20 yds.
TYPE OF SPLICE:	Butt splice on PE side
ROLL SLIT WIDTHS:	0.40" - 12.0" ± 0.01"
ROLL LENGTH:	500' - 2000' Average depending on slit width

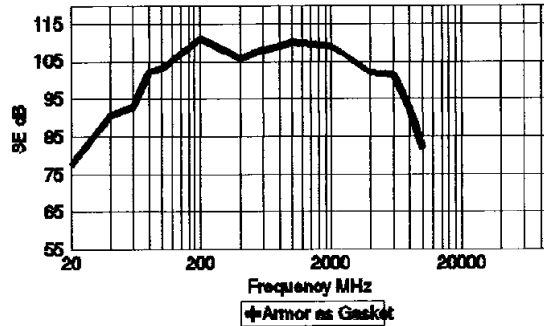
Nickel – Copper Plated Fabric With Adhesive Backing (25-0215-0019 Series), Cont.

Product Technical Data



Gasket Testing to Mil-G-83528

Shieldex (Armor) as 10.5 x 10.5 Profile



Gasket compressed 50%