



ECF 3

Electro-Conductive Foam 3

Product Overview

Uvox Series 3 Electro-Conductive Foam (ECF3) is an alternative to out

standard ECF through-conductive foam. The material consists of nickel-copper electroplated polyolefin foam with a conductive adhesive backing surmounted with a release liner.

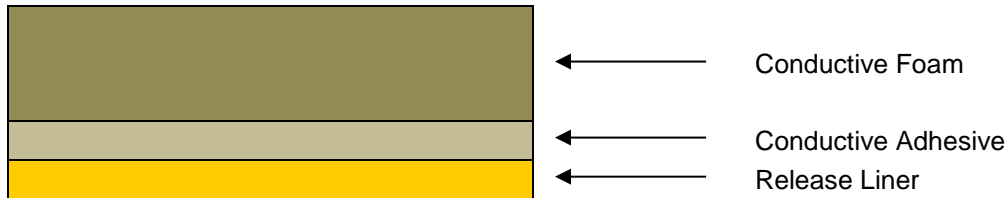


Available thicknesses are from 0.3mm to 1.0mm. The material cuts cleanly, making it ideal for internal and perimeter sealing (IP60). ECF3 provides physical shock absorption with EM shielding or grounding.

Application

- EM shielding and grounding in hand-held devices
- Conductive gaskets for small equipment, connectors and back-planes
- EMI window gaskets

Construction



Properties

Item	Material
Conductive Foam	Polyolefin foam: Copper/ Nickel plated
Adhesive	Acrylic copolymer and Nickel powder
Release Liner	CP paper or film (70µm)
Colour	Grey

Technical Specification

Property	Value	Unit	Test Method
Thickness	0.3 / 0.5 / 0.7 / 1.0	mm	-
Width	Max 500	mm	-
Length	10/25/50	m	-
Temperature Range °C	-30 / +80	°C	-
Adhesive Strength	>800	180° peel * gf/25 mm	26°C at 60% RH SUS 304 Plate 30min, 300mm/min
Holding Strength	>3,600	sec	PET film (25µm), 40°C, 500g
Resistivity	<0.2	Ω/sq.	MIL-DTL-83528c

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