

STATICO

Global Supplier of Static Control & Cleanroom Products
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Product Specifications for S5400 Series Grid Conductive Shielding Tape



Description

The S5400 Series is a conductive shielding tape for use in the static free workstations, where ESDS (Electro Static Discharge Sensitive) components and devices are handled. This tape has anti static inner and outer surfaces, with no shed, flake, crack, chip or rub off of the inner layer grids, combination of which provides excellent properties for the most effective static prevention and shielding applications. Meets decay rate of MIL-B-81705.

Specifications

Tensile Strength	
MD	5.00 Kg/15mm (Minimum)
CD	10.00 Kg/15mm (Minimum)
Elongation	
MD	150%
CD	50%
Resistivity	
Anti Static Adhesive Copolymer Layer	1X10E9
Conductive Grid Layer	10E4-To-10E5
Anti Static Copolymer Layer	8X10E12
Charge Decay Time (FTMS 4046, 101c)	0.01 Seconds
Thickness (Total)	49 Microns
Carrier	28 Microns
Adhesive	21 Microns
Peel Adhesion	0.45 Kg/15 mm (Minimum)
Temperature Resistance	60° C/140° F (Maximum)
Base Material	OPP
Adhesive	Solvent Acrylic Base
Core Size	3"
Length	118 ft
Width	½"(12mm), ¾"(18mm), 1"(24mm), 2"(48mm)

Part Numbers

S5412 – ½" (12mm) Width
S5418 – ¾" (18mm) Width
S5424 – 1" (24mm) Width
S5448 – 2" (48mm) Width