

## FEATURES

- Surface resistance of  $1 \times 10^2 \leq 1 \times 10^5 \Omega$
- Volume resistivity of  $\leq 2.5 \times 10^2 \Omega$
- Non-corrosive even at elevated temperatures and humidity
- Great use for soft packaging for sensitive components.
- Soft and flexible

## RS PRO ESD Foam 1m width

RS Stock No.: 815-3474



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

RS Pro low density ESD foam provides pin and component protection to sensitive components. With its ESD properties you're safe to put any component on this foam. It's an effortless foam so you can just push your component onto the foam and know it will stay secure and not tumble around in packaging. This foam is soft and flexible and could ideally be used as soft packaging.

## General Specifications

<b>Type</b>	Foam
<b>Foam Type</b>	Cushioning
<b>Applications</b>	Soft packaging, used in safe workspaces and other places where you are handling sensitive components

## Electrical Specifications

<b>Dissipative</b>	No
<b>Conductive</b>	Yes
<b>Anti-Static</b>	No
<b>Static Shielding</b>	Yes
<b>Surface Resistance</b>	$1 \times 10^2 \leq 1 \times 10^9 \Omega$
<b>Volume Resistance</b>	$\leq 2.5 \times 10^2 \Omega$

### Mechanical Specifications

<b>Length</b>	1m
<b>Width</b>	1m
<b>Thickness</b>	6mm
<b>Tensile Strength</b>	70kPa
<b>Density</b>	24kg/m <sup>3</sup> Min
<b>Loss in Tensile Strength After Heat Ageing (%)</b>	30% Max Loss
<b>Loss In Tensile Strength After Humidity Ageing (%)</b>	30% Max Loss
<b>Elongation @ Break %</b>	100%min
<b>Compression Set (50% Compression)</b>	30% Max Loss
<b>Compression Deflection at 50% Compression</b>	3.3 Kpa (typical Value)

### Approvals

<b>Compliance/Certifications</b>	IEC 61340-2-3, EN 61340-5-1
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Item	Description
815-3474	Conductive Cushioning Foam, 6mm x 1m x 1m, Sheet
815-3512	Conductive Cushioning Foam, 6mm x 305mm x 305mm, Pack of 9