RS PRO

FEATURES

- **RS PRO ESD foam**

- **Made from high-density (HD) polyether polyurethane**

- **Impregnated with rigid conductive latex**

- **Protects non-ferrous metals from corrosion**

- **Static shielding**

- **Thickness of 6 mm**

- **Length of 305 mm**

- **Width of 305 mm**

- **Tensile strength of 70kPa**

RS PRO ESD Foam 305mm width

RS Stock No.: 815-3509

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

This ESD foam from RS PRO prevents sensitive pins and components from getting damaged by electrostatic discharge (ESD). By inserting terminals in conductive foam like this one you bring all the terminals to the same charge level, so the device is protected from discharge.

Made from high-density (HD) polyether polyurethane, the 6 mm-thick foam is impregnated with rigid conductive latex and offers excellent 'pin insertion' properties, meaning it's well-suited for holding small devices in place. This feature is especially handy when packaging and transporting small and sensitive pieces of equipment – just push your component onto the foam so it stays in place without tumbling about. You can rest assured direct or vapour contact with the foam will not corrode non-ferrous metals such as zinc and nickel, even at raised temperatures or humidity.

General Specifications

Type	Foam
Colour	Black
Foam Type	Pin Insertion
Applications	Sensitive electronics components

Electrical Specifications

Dissipative	No
Conductive	Yes
Anti-Static	No
Static Shielding	Yes
Surface Resistance	1 x 102 ≤ 1 x 105O
Volume Resistance	<2.5 x 102O

Mechanical Specifications

Length	305mm
Width	305mm
Thickness	6mm
Tensile Strength	70KPa
Density	35kg/m^3-55kg/m^3
Loss in Tensile Strength After Heat Ageing (%)	30% Max Loss
Loss In Tensile Strength After Humidity Ageing (%)	30% Max Loss

Approvals

Compliance/Certifications	EN 61340-5

Item	Description
815-3503	Conductive Pin-Insertion Foam, 6mm x 1m x 1m, Sheet
815-3509	Conductive Pin-Insertion Foam, 6mm x 305mm x 305mm, Pack of 9