

FEATURES

- Pink low-density ESD foam
- Anti-static, cushioning and dissipative
- Surface resistance of 1×10^5 to $<1 \times 10^{11}$ ohms
- Designed for packaging
- Length of 1 m
- Width of 1.5 m
- Thickness of 6 mm
- Complies with the EN 61340-5-1 European standard
- Tensile strength of 70 KPa

RS PRO ESD Foam 1.5m width

RS Stock No.: 798-9310



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 6 mm-thick, high-performance cushioning foam is made from polyurethane coated in an anti-static agent. With a surface resistance of 1×10^5 to $<1 \times 10^{11}$ ohms, it cannot be penetrated by harmful electrostatic discharges like those created from friction. Polyurethane is also resistant to damage and moisture for extra protection during shipping. It can withstand considerable stretching and pulling without breaking thanks to a nominal tensile strength of 70 KPa. In accordance with EU guidelines, this foam is dyed pink to distinguish it from similar products.

General Specifications

Type	Foam
Colour	Pink
Foam Type	Cushioning
Applications	Sensitive electronics components

Electrical Specifications

Dissipative	Yes
Conductive	No
Anti-Static	Yes
Static Shielding	No
Surface Resistance	1×10^5 to $<1 \times 10^{11}$ Ω

Mechanical Specifications

Length	1m
Width	1.5m
Thickness	6mm
Tensile Strength	70KPa
Density	20-23kg/m ³
Elongation @ Break %	150% Min
Compression Set (50% Compression)	10% Max.

Approvals

Compliance/Certifications	EN 61340-5-1
----------------------------------	--------------

Properties:

Surface Resistance	1 x 10 ⁵ to < 1 x 10 ¹¹ ohms per IEC 61340-2-3
Thickness	6mm
Colour	Pink
Nominal piece density range	20-23kg/m ³
Nominal hardness range	100-150 Newtons
Nominal tensile strength	70 KPa minimum
Nominal elongation at break	150% Min.
Nominal compression set	10% Max.

Note: This grade of foam is manufactured with an amine free antistatic additive.

Item	Description
798-9301	Pink Low Density Foam, 300mm x 300mm x 6mm
798-9310	Pink Low Density Foam, 1000mm x 1500mm x 6mm
798-9313	Pink Low Density Foam, 2000mm x 1500mm x 6mm