

Datasheet

Conductive Cushioning Foam

RS-815-3512



"All generators of electrostatic charges, such as untreated plastic films, foams, synthetic fibres, adhesive tapes, etc., must be prohibited for use as intimate or proximity packaging material and should be kept away from EPA (ESD Protected Area)". (EN 61340-5-2 section 6)

- Vermafoam meets the surface resistance required range per EN 61340-5-1 Packaging Table 4 tested per IEC 61340-2-3
- Vermafoam low-density (FX) is polyether polyurethane foam impregnated with rigid conductive latex.
- The FX type is soft and flexible. It is used as cushion packaging.
- Corrosion prone non-ferrous metals such as Zinc, Nickel etc are not corroded when in direct or vapour contact with these conductive foams, even at elevated temperature and humidity.
- 3 Year Warranty

Property	Value	Test Method
Density kg/m ³	24 Minimum	BS 4443 Pt 1 Method 2
Tensile Strength kPa	70 Minimum	BS 4443 Pt 1 Method 3A
Elongation @ Break %	100 Minimum	BS 4443 Pt 1 Method 3A
Loss in Tensile Strength After Heat Ageing (%)	30% Max Loss	BS 4443 Pt 1 Method 3A 140°C for 16 hours
Loss In Tensile Strength After Humidity Ageing (%)	30% Max Loss	BS 4443 Pt 1 Method 3A 105°C for 3 hours
Compression Set (50% Compression)	30% Max Loss	BS 4443 Pt 1 Method 3A
Volume Resistivity (ohms/m)	≤ 2.5 x 10 ²	BS 2044 Method 3 (100 Volts)
Surface Resistance (ohms)	1 x 10 ² ≤ 1 x 10 ⁵	IEC 61340-2-3
Compression Deflection at 50% Compression	3.3 Kpa (typical Value)	BS 4443 Pt1 Method 5A

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

Unless otherwise noted, tolerance ±10%

Specifications and procedures subject to change without notice.