- 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.

| 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) | $\leq 2.5 \times 10^2$ | BS 2044 Method 3 (100 Volts) |
| Surface Resistance (ohms) | $1 \times 10^2 \leq 1 \times 10^5$ | IEC 61340-2-3 |
| Compression Deflection at 50% Compression | 3.3 Kpa (typical Value) | BS 4443 Pt1 Method 5A |

"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)

| 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 |

Made in the United Kingdom

*Unless otherwise noted, tolerance ±10%*
Specifications and procedures subject to change without notice.

## Conductive Cushioning Foam

| RS COMPONENTS LTD. BIRCHINGTON ROAD, CORBY, NORTHANTS, NN17 9RS, UK | Drawing Number RS-815-3474 | DATE: June 2014 |
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