



- Charleswater Conductive Cushioning meets the resistance required range per EN 61340-5-1 and Packaging standard IEC 61340-5-3 tested per IEC 61340-2-3
- Charleswater Conductive Cushioning is polyether polyurethane foam impregnated with rigid conductive latex.
- The foam 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 <sup>3</sup>	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 140oC for 16 hours
Loss In Tensile Strength After Humidity Ageing (%)	30% Max Loss	BS 4443 Pt 1 Method 3A 105oC for 3 hours
Compression Set (50% Compression)	30% Max Loss	BS 4443 Pt 1 Method 3A
Volume Resistance	< 1 x 10 <sup>5</sup> ohms	IEC 61340-2-3
Surface Resistance	< 1 x 10 <sup>5</sup> ohms	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)

Custom thickness and sizes are available

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



Made in the  
United Kingdom



## Conductive Cushioning Foam, 6mm x 1m x 1m

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