

**RoHS
Compliant**



Features

- Carbon impregnated conductive polyurethane foam
- Non corrosive
- Ideal for cushioning product in transit

Conductive Foam Technical Data

Property	Test Method	Requirement
Foam Type	N/A	Polyether polyurethane foam impregnated with rigid conductive latex
Density (kg/m ³)	BS 4443 Pt1 Method 2	24 minimum
Tensile Strength (KPa)	BS 4443 Pt1 Method 3A	70 minimum
Elongation @ Break (%)	BS 4443 Pt1 Method 3A	100 minimum
Loss in Tensile Strength After Heat Ageing (%)	BS 4443 Pt1 Method 3A 140°C for 16 hours	30% Max Loss
Loss in Tensile Strength After Humidity Ageing (%)	BS 4443 Pt1 Method 3A 105°C for 3 hours	30% Max Loss
Compression Set (50% Compression)	BS 4443 Pt1 Method 3A	30% Max Loss
Volume Resistivity (Ω/m)	BS 2044 Pt1 Method 3 (100V)	250 maximum
Surface Resistivity (kΩ)	Megger BM201 (100V)	<20
Compression Deflection at 50% Compression	BS 4443 Pt1 Method 5A	3.3 KPa (Typical Value)

Part Number Table

Description	Part Number
Low Density Conductive Foam, 305mm×305mm×6mm, Black	039-0050

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