



3821 - Conductive transparent paint



Details

3821 Conductive transparent paint is a single component permanently conductive graphene hybrid clear acrylic coating which provides effective static elimination for electronics safe handling area and explosive atmosphere applications. Fully compliant with BS EN 61340-5-1:2007 and ATEX. Contains carbon nanotubes and graphene derivative.

Applications in lighting, windows, clear covers and lids, displays etc. Supplied as an aerosol for ease of application.

Physical properties

- Surface Resistivity at 50 micron (ASTM D257) $<10^7$ ohm/sq
- Recommended Dry Film Thickness 20 micron
- Density 1.1g/cm³
- Drying Time - Touch 20 Minutes
- Full 12 Hours
- Static Decay (IEC TC15) < 2 Seconds
- Light transparency 87%
- Coverage 6-8 m²/litre

Method of use

Surface Preparation

All contaminants must be removed from the surface. Mark areas that do not require coating. A suitable primer may be necessary on certain substrates such as Polyethylene and Polypropylene. Please contact us for a suitable primer.

Application

One or two passes are normally required to give optimum thickness and surface resistivity values depending on the degree of transparency required. Supplied as a 400 ml aerosol

Precautions

Highly flammable: Keep away from sources of ignition. No smoking. Keep away from heat, sparks and open flames. Keep all containers closed when not in use.

Use under well ventilated conditions, personal respiratory protection should be worn during spraying conditions. Such devices must be used in accordance with the manufacturers instructions.

Avoid contact with skin, wear protective gloves and clothing. Wash thoroughly with soap and water after use. If accidentally swallowed, seek medical advice.

How to order

When you want to order the Conductive transparent paint please specify by the following partnumber.

Part number

3821