NanoPaint™ Conformal Transparent Conductive Coating

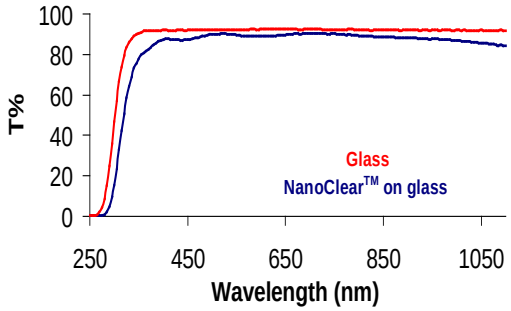
(patent pending)

Product Description

NanoPaint™ is a high-tech coating that can be applied to objects of nearly all shapes, sizes, and materials, including plastics and glass. The nanocomposite paint offers superior optical clarity, adhesion, and scratch resistance compared to alternative coating methods. Coated objects can be used at temperatures up to 230° C. NanoPaint™ coatings exhibit high visible transparency of >90%, have a refractive index of 1.6, and resist abrasion. Sheet resistance can be optimized for specific applications from 104 to 108 ohm/square. NanoPaint™ transparent conductive coating technology has a broad range of applications, including electrostatic dissipation (ESD), EMI shielding, and for opto-electronic devices. Samples are available for qualified customers.

Features

- High Transparency
- Conformal Coating
- Abrasion Resistant
- Wide Temperature
- Tunable Resistance
- Low cost



Performance Specifications

NanoClearTM	Min	Typical	Max	Unit
Operation Wavelength	300		>1000	nm
Index of Refraction	N=1.59	@	633	nm
Cure Temperature	70	80	100	C
Max Operating Temp			230	C
Sheet Resistance	10E4		10E8	Ohm/sq

Applications

- ESD Coating
- EMI shielding
- Plastic overcoat
- Glass overcoat

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