

VUEGUARD 941[®] ANTI-STATIC

Vueguard 941[®] has been designed for use on polycarbonate substrates to provide permanent anti-static properties. Although designed for polycarbonate, other materials such as Valox[™]⁽¹⁾, CR-39[™]⁽²⁾ may benefit from being coated with Vueguard 941[®]. We can also provide static dissipative electro resistivity properties between 10^7 - 10^9 ohms/sq.

Environmental Exposure

	Unexposed	Humidity (1)	Water Immersion (2)
Light Transmittance (%) (3)	90	90	90
Haze (%) (4)	<3	<3	<3
Adhesion (%) (5)	100	100	100
Appearance (6)	Excellent	Excellent	Excellent

- Humidity: 120 hours @ 52°C and 100% RH (ASTM D-2247)
- Water Immersion: 15 hours @ 23 °C.
- Light Transmittance: ASTM D-1003
- Haze: ASTM D-1003
- Adhesion: ASTM D-3359
- Appearance: Visual inspection of lifting, blistering, or spotting of the coating

Anti-Static Test

Surface Resistivity (ohms/sq.) (7)	2.0×10^{12}
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- Surface Resistivity: 23 °C, 67% RH

Scratch Test

Scratch Resistance (psi) (9)	1
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- Scratch Resistance: While not designed to be scratch and abrasion resistant, Vueguard 941 shows no scratching when subjected to steel-wool rotary testing using a 1.25-square-inch #0000 steel wool pad at 1 psi for 5 revolutions.

PCI assumes no obligation or liability for any information furnished by it or results obtained with respect to these products. All such advice is given and accepted at the buyer's risk. Users should be governed by their own tests, made under conditions representative of those to which the product will be subjected in actual service. Users assume all risks and responsibilities associated with the proper handling, use and disposal of the material.



1 Registered Trademark of General Electric Corporation.

2 Registered Trademark of PPG.