



Prevents Electrostatic Discharge on a Wide Variety of Substrates

An ESD safe coating is a conductive paint with a surface resistance in the range of 10^7 to $10^9 \Omega$. This is the “static dissipative range”, which prevents harmful buildup of static charge.

Our ESD paints adhere strongly to metals, plastics, glass, and most other surfaces.

Features & Benefits

- Dissipates electrostatic charge
- Resistance of 10^7 to $10^8 \Omega$
- Permanent coating
- Humidity independent
- Low VOC and HAP-free
- Does not contain toluene, xylene or MEK

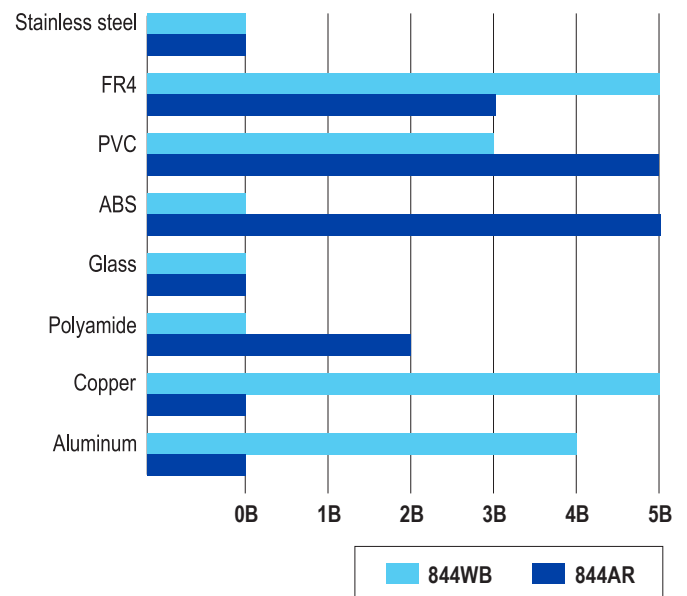
Applications

- Preventing static buildup on:
- Bumpers, bins, trays, and tools
 - Workstation surfaces
 - Carts
 - Monitors, keyboards, CPU holders
 - Task chairs
 - Clipboards

844AR — A one-part, dark grey, quick dry solvent-based acrylic ESD coating for plastics.

844WB — A one-part, translucent, water-based ESD paint. Non-flammable, low odor, and low VOC.

844AR vs. 844WB Adhesion



UNCURED PROPERTIES

Format
Color
Percent solids
Density @ 25 °C [77 °F]
Viscosity @ 25 °C [77 °F]
Calculated VOC
Theoretical coverage @ 2 mil
Recoat time (Plastic)
Cure time @ 22 °C [71.6 °F]
Cure time @ 45 °C [113 °F]
Cure time @ 65 °C [149 °F]
Cure time @ 80 °C [176 °F]

844AR

Liquid
Dark grey
17%
0.94 g/mL
8.6 cP
423 g/L
26 800 cm²/L
5 min
24 h
N/A
30 min
N/A

844WB

Liquid
Translucent, dark tint
29%
1.03 g/mL
128 cP
71.3 g/L
36 000 cm²/L
5 min
N/A
45 min
30 min
10 min

CURED PROPERTIES

Surface resistance @ 50 µm
Constant service temperature
Pencil hardness

2.0 x 10⁸ Ω/sq
-40—120 °C [-40—248 °F]
H, hard

5.6 x 10⁷ Ω/sq
-40—120 °C [-40—248 °F]
HB, hard

AVAILABLE PACKAGING

Net contents

850 mL (metal can)
3.60 L (metal can)
—

850 mL (metal can)
3.60 L (metal can)
340 g (aerosol)

