

ESD-KOTE

THERMOSET POWDER COATINGS



ESD-KOTE is a patented thermoset powder coating solution that reduces the risk of shock in sensitive electronic equipment by continuously conducting and dissipating static build up on surfaces and slowing the rate of charge transfer. ESD-KOTE offers excellent surface durability and hardness with outstanding physical properties.



OVERVIEW

How does it **work**?

ESD-KOTE is formulated by mixing an electrically conductive pigment into a non-conductive resin binder. The binder holds the paint together and provides the adhesion, while the conductive filler

provides the electrical pathway. The coating safely ushers static electricity to an attached ground and prevents sparking, keeping electronic components safe.

Main Features

- Broad static dissipative range.
- Excellent physical properties and film integrity.
- Excellent surface durability, hardness and adhesion.
- Superior corrosion resistant properties.
- Can be combined with some other Protech Group coating features.

TYPICAL APPLICATIONS

Commercial & industrial

- Store fixtures & merchandising
- Tools & hardware
- Electronic enclosures

Consumer goods & appliances

- Furniture

COLOR OPTIONS

Stock colors

Select one of the many stock colors that are readily available for processing.

Color reference chart

Get inspired from a broad range of standard colors. Request a RAL fan deck or ask one of our experts.

SUPPORT

Compliance

ESD-KOTE can be formulated to be compliant with certain guidelines. Ask our experts which certification or accreditation is available in your area.

Care & maintenance

To ensure the life of your asset is maximized, a simple and regular maintenance program should be implemented.

Contact our experts for specific cleaning tips and advice.

Troubleshooting

We stand by our products, even when things don't go quite as planned. From cleaning and phosphating all the way to the final cured film appearance, we are here to help address your issues with proven solutions.

Contact our experts for tailored support.

PROVEN PERFORMANCE

GLOSS	5 to 90
FILM THICKNESS	1.5 to 3.0 mils
HARDNESS	>H
SURFACE RESISTIVITY	105 to 109 ohms at 100v
COVERAGE	125 to 145 ft ² (11.5 – 13.15 m ²)
BAKING SCHEDULE	4-7 minutes at 400°F (204°C) 6-10 minutes at 375°F (190°C) 8-16 minutes at 350°F (177°C)



FORMULATING THE RIGHT MIX.

Since 1976, the Protech Group has been developing and manufacturing coatings, paints, and specialty materials. Through quality and innovation, we formulate the right mix to protect and enhance what matters most to our customers. Protech Group products are manufactured in more than 20 sites worldwide. We serve our customers in countless markets and industries, including construction, infrastructure, transportation, consumer goods, and healthcare.



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