

TECHNICAL DATA

DF-K-CD

100% solids ESD epoxy coating

DESCRIPTION

DF-K-CD is a two-part, 100% solids, hi-build epoxy coating designed specifically for today's more sensitive electronic components in Industrial manufacturing facilities.

RECOMMENDED USERS

- Defense facilities
- Computer Manufacturers
- Aeronautic and Aviation Manufacturers
- Pharmaceutical Companies
- Any facility requiring static charge control

FEATURES

- 100% solid epoxy resins
- No toxic solvent fumes
- Provides long lasting hi-build film
- Excellent chemical resistance
- Lift truck traffic within 12 hours

Properties of Mixed DF-K-CD

Gel Time	12-15 minutes
Initial Set	4 hours
Final Set	8 hours
Full Cure	36 hours

- **NOTE: All cure times are at 75 degrees F.**

Conductive Properties

- Consistant resistant readings when tested at 10-500 volts
- Dissipates a 5,000 volt charge to zero in < 0.1 seconds
- < 15 volts BVG

Properties of cured DF-K-CD

Tensile Strength	7,500 psi
Compressive Strength	11,000-12,000 psi
Shore D Hardness	85-90
Percent Elongation	5-8 %

Chemical Resistance after 7 days of Full Cure- Splash & Spill

Citric Acid 10%	Excellent
Cotton Seed Oil	Excellent
Cyclo Hexanone	Excellent
Ethylene Glycol	Excellent
Formaldehyde 37%	Excellent
Hydrogen Peroxide	Excellent
Lactic Acid	Excellent
Lard	Excellent
Linseed Oil	Excellent
Phosphoric Acid	Excellent
Saturated Sodium Chloride	Excellent
Saturated Sodium Sulfide	Excellent
Sea Water	Excellent
Sodium Hydroxide	Excellent
Sulphuric Acid 20%*	Excellent
Zinc Hydrosulfide	Excellent

- Color may change but film is intact

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