



General Magnaplate

Smart Coating Solutions® Worldwide

BENEFITS

- Superior corrosion resistance
- Broad resistance to chemicals, acids and alkalines
- Prevents galling
- Self-lubricating for extended wear
- Provides superior mold release
- Complete protection at temperatures from -400°F to +600°F (-182°C to +288°C)
- Shore D hardness range 75 - 85
- Breakdown voltages range 700V - 8400V
- For ferrous, non-ferrous and mixed-metal parts
- USDA/FDA/ITAR/ROHS code compliance
- Permanent dry lubricity
- COF as low as 0.048
- Radiation and U/V resistance
- Thickness range 0.001" - 0.030"
- Dielectric strength range 600 - 2200 v/mil

Lectrofluor®

Polymer-Based Coatings Provide Superior Corrosion and Chemical Resistance, Plus Mold Release...Even in Extremely Hostile Environments

The LECTROFLUOR series of polymer-based surface enhancement coatings provides ferrous, non-ferrous and mixed-metal parts with superior resistance to corrosion and chemicals. Coatings in this series also exhibit a very low coefficient of friction, and offer excellent release properties. Many types comply with USDA and FDA codes for food and pharmaceutical contact.



Valve discs and stems used in an acid pump were coated with LECTROFLUOR to resist corrosion and abrasion and protect against chemical attack.



LECTROFLUOR coating prevents food particles from sticking to dough-former rollers. Permits cleanup without caustics.

TYPICAL APPLICATIONS

- Air moving equipment
- Pumps
- Scrubbers
- Pipe valves
- Meter housings
- Mixing vats
- Probes
- Mounts
- Housings
- Dryers
- Stirrers
- Sealing dies
- Conveyor systems
- Rolls