



# MAGNAPLATE

COATINGS ENGINEERED **FOR YOUR SUCCESS**

## 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 (-240°C to +315°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

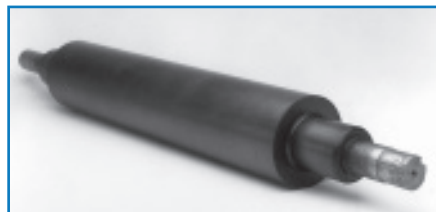
# Lectrofluor®

*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

