MAGNAPLATE
COATINGS ENGINEERED FOR YOUR SUCCESS

Nedox PF-F™

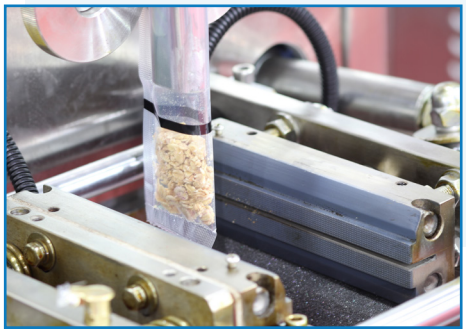
Low Friction and Wear Resistance Without Polymers

BENEFITS

- Excellent wear resistance
- Can be applied to a variety of ferrous and non-ferrous substrates
- Lower COF without polymers or dry lubricants
- Uniform coating deposition
- No need for secondary grinding
- Excellent corrosion resistance
- Non-shedding and non-outgassing
- Complies with FDA and USDA codes

TYPICAL APPLICATIONS

- Composite Tooling
- Plastic Molding Equipment
- Semiconductor Equipment
- High Temperature Valves
- Aerospace Applications
- Sealing Applications



Many polymeric or dry lubricant coating systems have a limitation in regards to temperature, since they can only function up to 500°F. In addition, polymers and dry lubricants are not always conducive to environments where particulate generation is undesirable. For these applications, General Magnaplate developed Nedox PF-F. The composite ceramic, nickel alloy Nedox PF-F allows it to operate at temperatures up to 1200°F and still maintain low friction properties. The coating offers good corrosion resistance, excellent abrasion resistance, low COF and hardness. It can be applied to ferrous and non-ferrous alloys.

CORROSION PERFORMANCE

Nedox PF-F provides excellent corrosion resistance while maintaining some non-stick and release properties.