

# Processing Capabilities



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## One-Stop Shop for over 50 Processes & Services

### COATINGS

#### Anodize

- Hard Anodize
- Chromic Anodize
- Sulfuric Anodize
- Hard Anodize with PTFE
- Multiple Dyes

#### Black Copper

#### Black Oxide

#### Brass

#### Cadmium

#### Chem Film

#### Chromate

- Clear
- Black
- Olive Drab
- Trivalent

#### Chrome

#### Copper

#### Dow 7

#### Dry Film Lubricants (DFL)

#### Ebonol C

#### Electroless Nickel

#### Electroless Nickel with PTFE

#### Gold - 24k

#### Hard Chrome

#### Molybdenum Disulfide

#### Nickel-Cad Diffused

#### Nickel

- Sulfamate Nickel
- Bright Nickel
- Semi-Bright Nickel
- Satin Nickel
- Electroless Nickel

#### Phosphate

- Manganese Phosphate
- Zinc Phosphate
- Heat Stable Phosphate
- Micro-Crystal Phosphate
- Phosphate and Soap

#### Plasma Spray

#### PTFE

#### Passivate

#### PS-304 (NASA)

#### PVD (Physical Vapor Deposition)

- See Vacuum Coatings

#### Silver - matte

#### Solid Film Lubricants

#### Surf-Kote®

#### Teflon®

- Tin
- Bright Nickel Tin
- Dull Immersion Tin

#### Vacuum Coatings

- Electron Beam Ion Plating
- Cathodic Arc Deposition
- Hard Wear Coatings (TiN, TiCN, TiC, TiAlN, Cr(N))
- Sputtering, DC Triode
- Multicomponent / Multilayer Coatings
- Tribological Coatings (Solid Film Lubricants, MoS<sub>2</sub>, Au, Pb, Cu, Etc)
- Vacuum Coating Stripping

#### Trivalent Chromate

#### Xylan®

#### Zinc

### METAL FINISHING SERVICE

#### Cleaning

#### Bake

- Hydrogen Embrittlement
- Stress Relief
- Hardening

#### Blast

- Glass Bead
- Steel Grit
- Aluminum Oxide
- Vapor

#### Stripping

#### Bright Dip

#### Pickling

#### Descaling

#### Brush Plating

#### Electroforming

#### Ultrasonic Cleaning

#### Etching

#### Masking

- Inspecting / Testing
- Salt Spray
- Humidity
- Thickness
- Tribological
- Surface Roughness

### SUBSTRATES / BASE

#### METALS

#### Aluminum

#### Brass

#### Copper

#### Bronze

#### Beryllium Copper

#### Steel

#### Stainless Steel

#### High Carbon Steel

#### Hardened Steel

#### Zinc Die Cast

#### Rare Earth Metals

#### Inconel

#### Titanium

#### Zirconium

#### Super Alloys

*Processes in green are available in RoHS compliant finishes, please request when ordering.*