CHEMICAL FILM AND PASSIVATION

These finishing processes improve the natural corrosion resistance of steel and aluminum parts.

DIFCO
Durable Industrial Finishing Company

CHEM FILM: Is commonly used on parts in the aircraft, electronics and components industries. It is a widely used process to protect aluminum from corrosion, and to assure good paint adhesion.

PASSIVATION: Passivation removes ferrous surface contamination created when stainless steel is machined and fabricated.

Chemical Film

Chem film can be used as a primer for organic coatings. Chromated parts retain their electrical conductivity to varying degrees, depending on coating thickness. The process is also used to add color for decorative or identification purposes.

Passivation of Stainless Steel

Passivation removes contaminants that cause premature corrosion and damage. In addition to surface cleaning, passivation forms a thin, transparent oxide coating that fights oxidation.

Functional Benefits of Chem Film:

- Corrosion Protection
- Highly Adhesive for Painting
- Cost Effective
- Does Not Interfere with Impedance

Functional Benefits of Passivation:

- Improves Corrosion Resistance
- Uniform Smooth Appearance
- Extends Life of Product
- No Physical or Dimensional Changes

Durable Industrial Finishing Company Offers:

- Barrel and Rack Processing
- Trivalent RoHS compliant Chem Films

We Make Your Parts Look Better, Work Better and Last Longer

NSF-ISR Registered to ISO 9001

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