# **Zinc Phosphate**

#### Automated Finishing Technology (AFT)

Zinc Phosphate coatings are often used on steel parts to provide corrosion protection, lubricity, or as a pretreatment for additional coatings. The process converts the metal surface into a nonmetallic, polycrystalline coating, which has a black matte appearance.

AFT offers both rack and bulk barrel-plating processes, both exceeding the American Petroleum Institute specifications for coating weight, and they maintain a fine crystal structure that can hold oils and withstand handling.

AFT has selected chemistry from MacDermid (Keykote 36 & 40), one of the most dependable and respected products and suppliers in the plating industry.







Centrally located in the Dallas/Forth Worth area, we provide service to our customers locally and throughout the United States.

#### Why AFT?

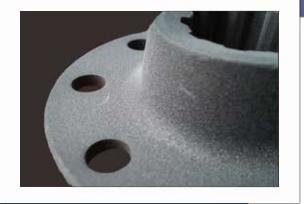
- High-Quality Coating
- Ability to Coat Large Pipes & Parts
- 2 Production Lines
- Shorter Lead Times
- Excellent Customer Service
- Competitive Prices
- Centrally Located



Halliburton -Spec. 68.00107 Rev. Q ESC 43 1-5 DOD-P-16232 MIL-STD-171 MIL-DTL-16232 TT-C-490

Able to meet or exceed most private specifications





Customer Service and Quality are AFT's highest priorities. All processes are verified and guaranteed with certification sheets upon request.

### Zinc Phosphate Capacity

#### **2 Production Plating Lines:**

- Heavy Zinc Phosphate MacDermid Keykote 36 Three Plating Tanks:
  - 1 4 ft x 4 ft x 8 ft
  - 1 4 ft x 4 ft x 4 ft
  - 1 20 ft x 3 ft x 3 ft (For Pipes)
- Lightweight Zinc Phosphate MacDermid Keykote 40 (microcrystalline phosphotex A-12) Plating Tank: 4 ft x 4 ft x 4 ft
- Manganese Phosphate Plating Tank: 3 ft x 3 ft x 3 ft

## Supporting Equipment

- **Ovens** 2 Large High-Temperature Ovens up to 850°F
- **Blast** Walk-in Blast Room (20 ft x 8 ft x 8 ft) for large items, Blast Cabinet for smaller items

### **In-House Laboratory**

- Thickness Measuring Capabilities
- Coating Weight
- Eddy Current
- Magnetic

AFT offers over 16 quality specified plating processes, including: Silver, Black Oxide, Zinc Nickel, Electroless Nickel, Tin, Matte Tin and Xylan Coatings.

Visit our website, **www.AFT-Corp.com** for a complete list of plating processes, or call us at **972-988-1999** to find out what AFT can do for you.





