

# Surface Finishing & Performance Coatings

**ONE RESOURCE —**  
*Unlimited Metal Plating Solutions*



When it comes to firearm plating and finishing, Techmetals is your single resource for a wide variety of services. We have helped weapons manufacturers for over 50 years plate their products with a quality and precision that is unmatched in the industry.

Our professional team will work closely with you to develop a process that is personalized to your exacting requirements. We have a 172,000 square foot facility with a capacity to handle any sized project — custom colors available.

Our **ISO 9001:2015**, **ISO 13485:2016**, **Nadcap Chemical Processing**, **Nadcap Coatings**, **Nadcap Nondestructive Testing** and **ATF-FFL 7 & 10** certifications ensure industry compliance and the results you will come to rely upon.

- Titanium Anodize
- Aluminum Anodize
- Hard Chrome
- Physical Vapor Deposition (PVD)
- Electropolish
- Laser Etching



# Techmetals Firearm Pricing

TechCoat 100 (Titanium Nitride) ■ TechCoat 345 (Aluminum Titanium Nitride)

TechCoat DLA 200 (DLC) ■ TechCoat 200 (Titanium Carbo-Nitride)

| Component       | Coating Price per Unit | Previous Coating Removal | Surface Prep |
|-----------------|------------------------|--------------------------|--------------|
| Pistol Barrel   | \$26.00                | \$25.00                  | \$12.00      |
| Pistol Slide    | \$32.00                | \$30.00                  | \$15.00      |
| Pistol Magazine | \$10.00                | \$20.00                  | \$8.00       |
| Pistol Frame    | \$35.00                | \$30.00                  | \$17.00      |
| Rifle Magazine  | \$20.00                | \$20.00                  | \$5.00       |
| Bolt            | \$27.00                | \$20.00                  | \$7.00       |
| Bolt Carrier    | \$32.00                | \$35.00                  | \$12.00      |
| Rifle Barrel    | \$70.00                | \$55.00                  | \$12.00      |
| Small Component | ~ \$5.00               | \$12.00                  | \$3.00       |

## Notes:

1. There is a minimum \$225 lot charge per coating that will be assessed on a project by project basis.
2. All gun components must come through an FFL and have a copy of that FFL submitted.
3. Parts are to be received in a clean, white metal condition, ready to plate, without any scale and already polished to required surface finish.
4. If Techmetals is required to remove any previous coating, it will be removed on a best effort basis. This will be performed using grit and glass bead blasting. Cerakote cannot be removed by Techmetals.
5. Techmetals' surface prep consists of a light glass bead blast to even the surfaces and remove any minor oxides that may be present.
6. Techmetals' definition of small components consists of all pins, levers, switches, etc.
7. **Listed prices are for quantities of 20 and below** – please call for quantity pricing.

Below is a list of specifications that are most often provided by Techmetals, Inc. We also offer plating to additional specifications such as AMS, MIL, ASTM, SAE or Customer Specifications. You can rely upon us for specialized solutions such as R&D, Optical Coatings, Medical Coatings, Large ID & OD Grinding & Areas with 20-Ton Capacities. Please contact our customer service or sales departments with any questions at **(937) 253-5311**.

### Anodize

- MIL-A-8625
- AMS 2469
- AMS 2471
- AMS 2472
- AMS 2482
- ASTM B 580\*

### Titanium

- AMS 2488

### Chem Film

- MIL-C-5541
- AMS 2473
- MIL-DTL-5541 (Hex)
- MIL-DTL-5541 (Hex Free)
- BAC 5719
- MAP-311088-1300
- 9904151 (Type 1)

### Electropolish

- ASTM B912

### Nickel/EN

- AMS-C-26074\*
- AMS-2404
- AMS-2405
- AMS 2454
- ASTM-B-733
- MIL-C-26074
- MIL-DTL-32119

### Nickel/Sulfamate

- AMS 2403
- AMS 2424
- AMS QQ-N-290
- FED QQ-N-290
- Union Carbide J5 1396

### Programs

- ITAR, DoD, DoE
- 10 CFR 50 Appendix B
- ATF, Alcohol, Tobacco, Firearms, FFL

### Testing

- Coating Weight
- Adhesion Scratch & Chisel
- Corrosion/Salt Spray & Porosity
- ASTM B 117 Salt Spray
- B12 Adhesion Bend
- Thickness: Magnetic, Eddy Current and XRF
- Micro-hardness
- Water Immersion
- Bond Strength-Tape
- Metallography / Microstructure

### Passivation

- AMS-QQ-P-35
- ASTM A 380
- AMS-2700
- ASTM A 967
- ASTM F86\*
- FED-QQ-P-35
- 9904301

### Hard Chrome

- AMS-QQ-C-320
- AMS-2406
- AMS-2460
- MIL-DTL-23422
- MIL-C-23422
- ASTM B-177
- MIL-STD 1501 F
- FED-QQ-C-320

### Other Certifications

- Security Clearances
- Commercial Nuclear
- Nuclear CPRS

### Thin Film Vacuum Coatings

- TiN
- DLC
- TiCN
- CrN
- AlTiN
- AlTiCrN
- ZrN
- AMS-2444

\* Nadcap Accredited "other" under scope

### Quality Certifications

ISO 9001:2015 | ISO 13485:2016



ACCREDITED

Chemical Processing



TM-FIREARMS-R005



(937) 253-5311

www.techmetals.com

Engineering Department ..... (937) 253-5311 x 1207 ..... [engineering@techmetals.com](mailto:engineering@techmetals.com)  
 Quoting & Sales ..... (937) 253-5311 x 13 ..... [sales@techmetals.com](mailto:sales@techmetals.com)  
 Quality Control ..... (937) 253-5311 x 1263 ..... [quality@techmetals.com](mailto:quality@techmetals.com)  
 Research & Development ..... (937) 253-5311 x 1273 ..... [randd@techmetals.com](mailto:randd@techmetals.com)