



TECHMETALS

ENGINEERED METAL FINISHING & PERFORMANCE COATINGS



Medical Grade Chromium Coating



TM-Rx Medical Coating

Recommended Thicknesses for Applications:

- Cutting surfaces:
0.00005-0.0001”
- Light wear & anti-galling:
0.00005-0.0003”
- Heavy or severe use:
0.0003-0.0005”

Properties:

Melting Points:

1875-1920° C /3407-3488° F

Coefficient of Friction: 0.12-0.17

Hardness Rockwell (C): 68-72

Non-Magnetic Properties

Dull or Shiny Appearance

TM-Rx is a medical-grade, chromium coating designed to prevent wear, galling and corrosion. Parts and instruments coated with this material are designed to work and look like new after 1,000 cycles in an autoclave. The process is precisely controlled by our lab staff and engineering team.

TM-Rx meets or exceeds ISO 10993-1 Certification, as well as the principles governing the biological evaluation of medical devices.

Certified report numbers: **331553, 331617, 331621** and **331555**.



Call: (937) 253-5311

www.techmetals.com