



Medical Coating TM-Rx is a medical grade chromium coating designed to prevent wear, galling and corrosion. Other properties of this coating are lubricity, durability, extreme hardness and a low coefficient of friction. This process is precisely controlled by our lab staff and engineering. Parts and instruments coated with TM-Rx are designed to work and look like new after 1,000 cycles in an autoclave.

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.

Recommended Thickness for Applications

- Cutting Surfaces 0.00005-0.0001”
- Light Wear & Anti-Galling 0.0001-0.0003”
- Heavy or Severe Wear 0.0003-0.0005”

TM-Rx is mainly applied to stainless steel. This coating can be applied to most ferrous and some non-ferrous metals, like copper and aluminum.

Properties

Melting Point °C	1875-1920	3407-3488 °F
Coefficient of Friction	0.12-0.17	
Hardness Rockwell-C	68-72	
Magnetic Properties	Non-Magnetic	

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