

MICRALOX®

Corrosion Resistant Aluminum Anodizing Solution



Precision Coating's MICRALOX® family of products offers superior **corrosion resistant** aluminum oxide coating solutions that have revolutionized aluminum anodizing and become the industry standard within the **Orthopedic & Advanced Surgical** markets.



Applications

- Surgical Instruments, Cases, & Trays
- Endoscopic Camera Housings
- Dental Brackets
- Bone Saws
- And other aluminum devices & components

Solutions for

- Corrosion Resistance

Sister Chemistries

- MICRALOX® Ultra
- MICRALOX® Lumina

Advantages

- Dramatically superior barrier & chemical **corrosion resistance**
- Super-heated steam **eliminates color fading**
- Effective in high-pH cleaning & aggressive **re-sterilization cycles**
- Replaces conventional anodic coatings with a **clear or vibrantly-colored hard coat**

MICRALOX® Ultra

- Maximum performance for strong alkaline cleaning
- Withstands commonly used high-pH cleaning and sterilization methods
- Proven in aggressive environments that would otherwise strip conventional anodic coatings
- 2mil thickness option, +/- 20% tolerance
- Beautiful matte color varieties

MICRALOX® Lumina

- Clear, translucent oxide provides perfect balance of chemical resistance & design flexibility
- Beats traditional Type II decorative anodizing in resistance & color
- Optimized for devices with thickness constraints
- 1mil thickness option, +/- 20% tolerance
- Shiny, brilliant color options

Permanent, high-resolution marking and printing capabilities;
suitable for Sanford Print™ embedded UDI marking.