CastGuard™

Pioneer METAL FINISHING

RECEPTIVE METALS

Aluminum Alloy

THICKNESS

.0001-.0004"/100-400µin.
(Die Cast Aluminum)
.0001-.0025"/100-2500µin.
(Poured Cast Aluminum)

MAX PART SIZE

156" x 60" x 32"

STANDARD SPECIFICATIONS

Proprietary Process
Conforms to Honda Chemical Substance Mgmt Standard (HCSMS)
RoHS, REACH, ELV and WEEE Compliant

PROCESS LOCATIONS

Green Bay, WI
Minneapolis, MN
Monroe, MI
Portland, OR

CONTACT US

Sales
800-944-7634
sales@pioneermetal.com

CASTGUARD™

CastGuard™ is a seal for anodized aluminum castings that offers enhanced corrosion protection.

Aluminum casting is one of the most popular methods used in mass production today. Unfortunately, this process promotes the migration of silicon particles to the surface of these castings. Silicon particles make it difficult to produce uniform anodize coating of more than .0004" (0.4 mils.) Thus, corrosion protection and aesthetics are compromised.

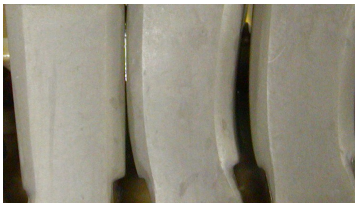
Development experts engineered a diverse portfolio of finishes capable of satisfying a broad range of aluminum die cast finishing needs, including Pioneer's proprietary CastGuard™ anodize seal.

CastGuard™ is a seal for both anodized and hardcoated aluminum castings and offers enhanced corrosion protection. The superior corrosion protection of CastGuard™ is achieved because it provides a seal for both the anodized aluminum and the silicon rich areas of the surface of parts.

PERFORMANCE BENEFITS

- √ Protects Against Corrosion
- √ Provides Superior Paint Adhesion
- √ Prevents Environmental Wear

Anodize after 336 salt spray hours*



CastGuard™ after 2000 salt spray hours*

COMMON APPLICATIONS

- √ Outdoor Lighting
- √ Road & Highway Lighting

www.PioneerMetal.com

*The salt spray information is to be used only as a reference guide to aid in engineering the best process to meet customer's needs. These test results represent general performance trends. When specific values are required, customer samples must be processed to determine actual capability.