

## Customer Guidelines for Chromate Conversion

### Size and Weight Limitations:

Maximum dimensions for parts are generally 60" long x 40" deep x 18" wide.  
Maximum weight is 500 pounds.

### Dropping Off Parts:

Drop of parts at our Fruitridge location. When dropping off parts, certain information is required such as alloy and any specifications we need to meet. For more information, please see our Anodizing/Chromate drop off sheet.

### Specifications:

We are only able provide trivalent chromate (i.e. clear chromate, non-hexavalent chromate). We can meet the ASTM B921-08 and MIL-DTL-5541 Type II Class 3 and Class 1A. We cannot meet the corrosion testing requirements specified in MIL-DTL-5541 Class 1A for 2024 aluminum.

Our chromate solution contains a blue dye. Parts will have a bluish-grey tint after processing. This in no way affects the ability to meet the MIL-DTL-5541 Type II specification. Note that chromate conversion is a functional and not decorative coating, please let us know if you have questions about this.

### Special Handling Required

Information referencing any special processing requirements is necessary at drop off. Examples may include special handling required, packaging requirements, masking, rack mark specifications, etc. Please let us know on the paperwork accompanying your parts.

### Turn Around Time

We understand timely turn-around is essential to your business and we will do everything we can to get your parts done ASAP. Typical turn around is 48 hours (please ask for details or with questions on what this means) but cannot be guaranteed. Requested completion time is helpful and we will make every effort to meet your schedule. Our shipping/receiving hours are from 7:00AM to 4:30 PM, but after hour service may be available.

### Preparation of Metal

Adhesives from tape will cause issues with the chromate process. We are usually not able to see it before we anodize. Please inform us if you need help removing this.

### Different Types of Metals

Process outcomes can depend on the alloy of the material. Please contact us with questions. Please be sure to include this information accurately on paperwork. Further, any other type of metal (steel, brass, etc.) on or attached to parts during processing could result in damage to that material.

*Thank you for your business. We are always open to suggestions to make your "experience" with Premier Finishing better.*