

## Technical Data Page

Scope: Technical product description of nameplate quality degreased raw.

### Product Specifications

Thickness: .012"- .063" Alloy: 1100 Temper: H14 Finish: mill finish Product Code: 000MX

### Chemical Composition Limits

Silicon + Iron	Copper	Mang- anese	Magn- esium	Zinc	Titan- ium	Others	Aluminum (min.)
0.55 Si + Fe	0.05	0.05	0.05	0.5	0.03	0.03	99.45

### Mechanical Property Limits

Ultimate tensile strength: 18.0 ksi minimum

### Surface finish:

This surface is unchanged from rolling. This finish, commonly called "mill finish" is a decorative, uniform surface desirable for a number of different applications. The material has been chemically cleaned to remove residual oil.

### Shelf life:

Since this is a bare aluminum product, shelf life can be limited. Exposure to the atmosphere can result in gradual oxidation of the surface. It is recommended that the material be properly stored at room temperature with 50% humidity.

### Environmental performance:

#### Light fastness:

No effect from conventional UV exposure.

#### Temperature resistance:

Extremes of cold should not affect the appearance of this product. Temperatures over 200 degrees Fahrenheit may cause discoloration. The metal will begin to anneal (soften) when exposed to temperatures over 600 degrees or may begin anneal with repeated exposure to temperatures lower than 600 degrees.

#### Chemical resistance:

The surface is resistant to most solvents, oils, and household chemicals. Strongly alkaline and strongly acidic solutions should be avoided.

#### Applications: Mild Interior use only.

*It is recommended that the end user, prior to its actual use, determine the suitability of this product for a particular application. All the preceding statements, properties and recommendations are believed to be accurate, but are not guaranteed.*

*LFR-1100000MX, Rev. 1*