

Technical Data Page

Scope: Technical product description of mill finish wax free clear/wax free clear coated aluminum.

Product Specifications

Thickness: .012"- .032" Alloy: 5005 Temper: H14 Finish: mill Product code: 557 MX

Chemical Composition Limits

Silicon	Iron	Copper	Mang- anese	Magn- esium	Chrom- ium	Zinc	Others	Aluminum (min.)
0.30	0.07	0.20	0.20	0.5 – 1.1	0.10	0.25	0.15	Rem.

Mechanical Property Limits

Ultimate tensile strength: 20.0 ksi minimum

Surface finish:

The surface of the metal is unchanged from rolling. This finish, commonly called "mill finish" is a decorative, uniform surface desirable for a number of different applications.

Coatings:

The topside is coated with clear thermosetting polyester coating. The paint is wax free cross-linked polyester designed for silk-screening. The dry film thickness is 0.3 - 0.65 mil. The gloss is 85+ at 60°. The Pencil Hardness is F-2H Eagle Turquoise Lead. T-Bend – 1T. The cure is 50+ MEK double rubs.

The backside is coated with a clear washcoat which may or may not be suitable for screen printing.

Shelf life:

Shelf life is indefinite. It is, however, recommended that the material be properly stored at room conditions with 50% humidity.

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.

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