

ALPASE K100-S

MICRO-SHEEN FINISH ALUMINUM PLATE

K100-S APPLICATIONS

K100-S "The Perfect Plate" has a wide range of manufacturing applications:

- Aerospace and Automotive fixtures
- Composite tooling
- Thermoforming tooling
- Medical equipment
- Semiconductor and Solar equipment
- Machine Jig's and Fixtures

STANDARD	SIZES	TOLERANCES
Thickness	.250 - 6.00 inches 6.35 mm - 203 mm	+.005 - .005" +127mm - .127mm
Width	38.25, 48.5, 60.5, 72.5 inches 972, 1232, 1537, 1842 mm	+.250" - 0" +6.35 - 0 mm
Length	96.5 & 144.5 inches 2451 & 3670 mm	
Guaranteed Flatness (Before & After Machining)	.250 - .500 inches .625 - 6.00 inches	within .015" or .381 mm within .010" or .254 mm
Custom	Widths available up to 96" wide Lengths available up to 200" long	Please inquire for availability & tolerances

K100-S TYPICAL PROPERTIES

Typical Tensile Strength	41 ksi	Coefficient of Expansion	13.2 x 10 ⁻⁶ (68-212°F)
Typical Yield	18 ksi	Electrical Conductivity	29% (I.A.C.S)
Typical Elongation	12% to 15%	Microstructure	Vacuum Tight
Density	0.096 lb./in ³	Modulus of Elasticity	10.3 KSI x 10 ⁶

Information provided does not imply a guarantee of properties or capability of manufacturing or use.

New Technologies
In Aluminum



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