



Product Specification Data

maxmetal™ LITE

Description

MAX-metal™ Lite is a 3 mil Aluminum Composite Panel designed for indoor and outdoor applications where being cost conscious is encouraged. This 2-Sided substrate boasts 0.12mm aluminum skins on both sides and is paired with a robust LDPE core. This lightweight panel makes installation easy while maintaining durability for a long lasting sign. MAX-metal™ Lite is ideal for a variety of applications such as: POP signage, way-finding, site signs and is UL recognized for use as a component in electrical signage.

Product Properties

Weight (Kg/m ²)	3.38
Sound Absorption NRC	0.05
Sound Attenuation R _w db	24
Water Absorption % by volume	0.01
Thermal Performance R Values	0.0057
Core Composition	Polyethylene

Panel Dimensions

Panel Thickness (mm)	3
Aluminum Thickness (mm)	0.12
Standard Sizes:	4'x 8'

Product Code

MM843MWLT	4'x 8'
MM1043MWLT	4'x 10'

Dimensional Tolerances

Thickness (mm)	-0 + 0.2
Width (mm)	±2
Length (mm)	±3
Diagonal (mm)	±5
Thermal Expansion	2.4mm/m @ 100°C Temp Difference
Aluminum Thickness (mm)	±0.02

Surface Properties

Paint Thickness (micron)	20
Pencil Hardness	>HB
Toughness of Coating	3T
Temperature Resistance	-50°C to +80°C
Impact Strength (kg cm ²)	38
Boiling Water Resistance	Boiling for 2 hours without change
Acid Resistance	Immersed surface in 2% NaOH for 24hrs without change
Alkali Resistance	Immersed surface in 2% NaOH for 24hrs without change
Oil Resistance	Immersed surface in 20# engine oil for 24hrs without change
Solvent Resistance	Cleaned 100 times with Dimethylbenzene without change
Cleaning Resistance	>1000 times without change
Peel Strength	>3 Newton/mm

Statement of Practical Use

We believe the information on this product to be accurate. However, since we cannot anticipate or control the conditions under which this information or our products may be used, we cannot guarantee results obtained through their use. Tests of our products should be made by users to determine the suitability of these products for a specific purpose. The products are sold without warranty, either express or implied. The purchaser should refer to Grimco, Inc's price list for terms and conditions of sale, including disclaimer of warranties and limitation of liability.

