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What is Alumamark

Alumamark

Anodized aluminum for CO2 laser marking

Alumamark is an anodized aluminum whose anodized layer is specifically matched to marking with CO2 laser systems. Its distinguishing feature: the marking turns black at high quality during the engraving process itself – with no subsequent color fill or coating required.

What sets Alumamark apart

With many anodized aluminum materials, the quality of laser marking depends heavily on the laser type used and the process parameters. Alumamark is developed specifically for use with CO2 lasers and delivers a consistently strong black marking in a single processing step.

Because no post-treatment such as color filling or sealing is needed, the production process is noticeably shortened – an advantage particularly for larger quantities of nameplates or control elements.

- Marking created directly in the laser process, no extra step
- Optimized for CO2 laser systems
- Consistent contrast quality across the surface

Typical Properties

- Anodized aluminum for CO2 laser marking
- Black marking with no post-treatment
- Consistent marking quality

Product Examples

- Nameplates
- Control and front panels
- Scales and display elements

Typical Industries

- Electronics and equipment engineering
- Measurement and control technology
- Signage and nameplates

	Test Method	Unit	Value
Version			
Material			Aluminum, anodized
Marking method			CO2 laser
Marking color			black, no post-treatment

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