

What is Aluply

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Surface-treated aluminum for nameplates and scales

Aluply is a surface-treated aluminum developed specifically for laser-engraving nameplates and scales. It combines the light weight and stability of aluminum with a surface that produces a clear, permanently black contrast when engraved.

Properties and processing

Aluply is supplied as flat sheet stock and can be cut to customer-specific shapes and sizes at the material stage. This removes extra processing steps further down the line, allowing short lead times.

During laser engraving, the lettering visibly turns black without any need to fill or inlay the engraving afterwards. This makes Aluply particularly well suited to fine text and detailed scale graduations.

- Standard thicknesses of 0.5 mm and 1.0 mm
- Cutting to customer drawing available
- Well suited to highly detailed labeling

Typical Properties

- Surface-treated aluminum
- Engraving turns high-contrast black
- Available in 0.5 mm and 1.0 mm

Product Examples

- Nameplates
- Scales and display panels
- Control elements with labeling

Typical Industries

- Machine and equipment engineering
- Measurement and control technology
- Electrical and switchgear engineering

	Test Method	Unit	Value
Version			
Material			Aluminum, surface-treated
Thickness		mm	0.5 / 1.0
Engraving color			black
Processing			Laser engraving
Supply form			Sheet stock, customer-specific cutting