

What is Lasertec?

Lasertec

Laminated plastic for laser engraving, acrylic cap layer

Lasertec is a multi-layer laminated plastic designed specifically for laser engraving. A UV-stable acrylic cap layer sits on a contrast-coloured base layer, so engraving cleanly reveals the colour underneath.

Construction and principle

Lasertec is based on acrylic glass pressed into a multi-layer laminate. During engraving, the laser removes the top colour layer and exposes the contrasting base colour beneath it, so no additional fill colour or inlay is required.

Lasertec sheets can be engraved, laser-cut and milled. Its properties make it suitable for both indoor and outdoor use.

Typical Properties

- Laminate developed for laser engraving
- UV-stable acrylic cap layer
- High scratch resistance
- Largely resistant to acids
- Ageing resistance tested

Product Examples

- Nameplates and machine identification
- Control panel and switchgear labelling
- Signage and wayfinding panels
- Engraved award and presentation plaques

Typical Industries

- Signage and labelling technology
- Nameplate manufacturing
- Advertising and display technology
- Machine control panels
- Awards and presentation items

	Test Method	Unit	Value
Construction and Processing			
Material basis			Acrylic glass, laminated
Cap layer			UV-stable, scratch-resistant
Chemical resistance			largely resistant
Engraving effect			revealed by engraving
Processing			Engraving, cutting, milling

The information on this product describes the material's typical characteristics and is intended as an aid to material selection. It does not constitute a legally binding assurance of specific properties. Colour combinations and formats are available on request; we recommend a sample test with the intended laser parameters before starting series production.