

What is Ultraply

Ultraply

Two-layer laminate for industrial engraving applications

Ultraply is a two-layer laminate developed for industrial use. Its acrylic cap layer makes the material chemical- and scratch-resistant, while the flexibility of the construction counteracts cracking around drilled holes.

Construction and Properties

Ultraply's cap layer is made of acrylic. This gives the surface resistance to many chemicals and scratches. Another characteristic is the material's flexibility: it counteracts cracking and chip-out of material, as can occur around drilled holes – for example for the mounting screws of nameplates.

Advantages

- Chemical- and scratch-resistant surface thanks to the acrylic cap layer

Applications

- Suitable for laser engraving
- Suitable for signs mounted through drilled holes
- Suitable for nameplates and control panel labeling in industrial environments

Typical Properties

- Two-layer construction for industrial applications with a chemical- and scratch-resistant acrylic cap layer
- High flexibility reduces cracking and chip-out around drilled holes
- Laser-machinable

Product Examples

- Nameplates
- Control panel labeling
- Machine labeling

Typical Industries

- Machinery and plant engineering
- Electrical engineering
- Industrial labeling
- Nameplate manufacturing

	Test Method	Unit	Value
Construction and Processing			
Material construction / Processing			Two-layer laminate, acrylic cap layer; laser-engraved, chemical- and scratch-resistant; flexible, low-cracking behaviour around drilled holes

This text provides a general overview and does not replace application-specific advice; please contact us for formats, colour options and guidance on your use case.

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