

What is Transply

Transply

Two-layer engraving laminate for laser engraving

Transply is a two-layer engraving material developed specifically for high-quality, fine laser engraving. A thin, coloured cap layer sits on a contrasting core layer – when the laser engraves through the cap layer, the core colour becomes visible, producing sharply defined lettering and symbols.

Construction and Working Principle

The material consists of a thin cap layer on a contrasting core layer. Because the cap layer is made especially thin, it can be removed by the laser almost without residue – even fine lettering stays clearly legible, without the shadow effect that thicker cap layers often produce.

Advantages

- Fine, crisply defined engraving results, even at small font sizes

Disadvantages

- For permanent outdoor use, the weather-resistant Transply HD version is the more suitable choice

Processing and Applications

Transply can be processed by both laser engraving and CNC routing. A double-sided engravable version is available on request.

- Engravable single- or double-sided

Typical Properties

- Two-layer construction with an ultra-thin cap layer for extremely fine, near chip-free letter engraving; matte, low-reflection surface
- Laser- and CNC-machinable
- Double-sided engravable version available on request

Product Examples

- Nameplates
- Control panel labeling
- Name and information signs

Typical Industries

- Labeling and engraving technology
- Nameplate manufacturing
- Sign making and visual communication
- Machinery and plant engineering
- Control panel and safety labeling

	Test Method	Unit	Value
Construction and Processing			

Test Method	Unit	Value
Material construction / Processing / Colours		Two-layer laminate (cap/core layer), matte finish; laser- and CNC-machinable, single- or double-sided; 14 colour combinations – see colour overview

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.