

MEGA
LOK

TRAFFOLYTE LABELING SYSTEM



Traffolyte Material

Traffolyte is a high pressure laminate suited to internal use. It has a hard durable melamine surface requiring minimal maintenance. Providing a cost effective and practical solution for industrial labels and signage. It is ideally suited to the electrical industry, tallies, ID tags and key fobs. The material is non-flammable up to temperatures of 400°C conforming to the British Adopted European Standard BS EN 438-7:2005.

Applications

- Interior and Safety Signs
- ID Tags
- Control Panels
- Key Fobs
- Food Industry
- Nameplates
- Rating Plates

Material Features

Material: paper and phenolic based thermosetting resin 2-ply / 3-ply

Finish: semi-gloss

Thickness: 1.6 mm / 3.0 mm

Engraving depth: 0.20 mm

Cutting method: saw

Sheet size: 1220 x 1220 mm, 1220 x 610 mm



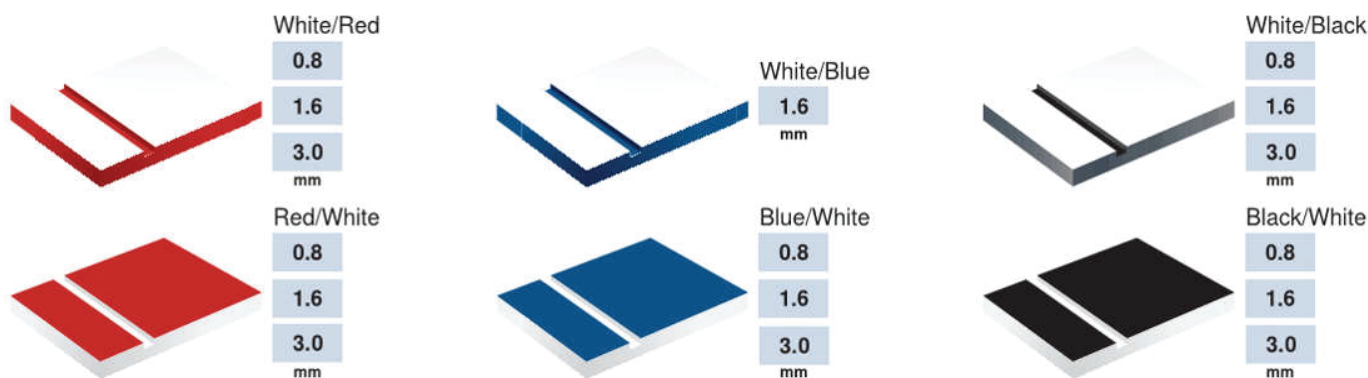
Rotary
material



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Engraving Laminate is a material consisting of layers of kraft paper impregnated with phenolic resins and outer layers on both sides, of decorative paper impregnated with aminoplastic resins; all bonded together by means of high pressure (9MPa) and heat (150°C). By engraving the surface, a colour middle layer is revealed. Suitable for plaques and signs for internal applications.

Property	Test Method (EN 438:2005)	Attribute	Unit	Value
Thickness tolerance	EN438-2.5	Thickness	mm	1.5 ±0.15 3.0 ±0.20
Resistance to surface wear	EN438-2.10	Wear resistance	Revolutions	A≥400
Resistance to immersion in boiling water	EN438-2.12	Mass increase	%	≤5
		Thickness increase	%	≤5
		Appearance	Rating	≥ 4
Stability at elevated temperature	EN438-2.17	Cumulative dimensional change	% Long % Transv.	≤0.30 ≤0.60
Resistance to staining	EN438-2.26	Appearance groups 1-2 Appearance group 3	Rating	5 ≥ 4
Light fastness	EN438-2.27	Contrast	Grey scale rating	≥ 4
Resistance to cigarette burns	EN438-2.30	Appearance	Rating	≥ 3
Resistance to water vapour	EN438-2.14	Appearance	Rating	≥ 4
Tensile strength	EN ISO 527.2	Strength	MPa	L ≥100 T ≥ 70
Flexural strength	EN ISO 178	Strength	MPa	L ≥100 T ≥ 90
Flexural modulus	EN ISO 178	Strength	MPa	L ≥10.000 T ≥ 9.000
Density	ISO 1183	Density	gr/cm ³	≥ 1.35



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