MACprint®

Product data :
LAMINATED FOIL - PERMANENT

DESCRIPTION

Face stock :

A vinyl laqcquer coated aluminium foil, laminated to a woodfree paper. Available in bright or dull silver, and bright gold.

The varnished side is intended for letterpress, offset, and screenprinting using the appropriates inks.

Weight	ca. 85 g/m²	ISO 536
Thickness	ca. 65 µm	ISO 534

Adhesive :

Water emulsion acrylic based adhesive for general applications. Excellent ANTI-BLEEDING properties to prevent edge-bleeding during printing and guillotine trimming.

Backing :

White coated Kraft paper: plain ; - SECURY 9 (plain - without breaklines) ca. 90 g/m² - No back-printing.

Laminate :

ca. 190 (SECURY) g/m²

PHYSICAL AND CHEMICAL CHARACTERISTICS ADHESIVE

	Tack	Adhésion
PERMANENT : For general purposes. Good anti-bleeding properties	••	••

••• : High •• : Medium • : Low

Temperature ranges	Min. application temperature : + 10 °C Service temperature :- 20 °C to + 70 °C
Toy labelling	in compliance with EN 71/3
Shelf life	2 years when stored at 15-25 C, 50 % relative humidity, in the original packaging.

APPLICATIONS AND USES

Ideal for the production of labels of first choice for cosmetics, luxury food and drink, delicatessen, glass crystal, gifts,…

MAIN BENEFITS FOR THE USER

Perfect flatness thanks to the outstanding dimensional stability due to the conditioning of the complex at 21 +-2 °C and at ca. 55+-10 % relative humidity. Heavy 90-95 g/ m² backing paper.

GENERAL REMARK : factors affecting adhesion

Adhesion failure problems can be avoided by :

- Where possible, always test the proposed construction under actual application and end-use conditions because a 100 % multi-purpose adhesive for all substrates does not exist.

Adverse reactions may occur when applying Removable adhesive onto certain substrates. Therefore, a suitability test is necessary.

- Being familiar with factors which adversely affect adhesion :
- Labels or stickers should not be applied onto dusty, dirty, oily or oxidized surfaces.
- Mould release agents on blow-moulded plastic surfaces inhibit adhesion.
- Adhesion failure may occur on substrates with low surface tension, such as polyethylene or polypropylene. Rubber based adhesives stick better to low energy surfaces than acrylics.
- Avoid the use of relatively rigid facestocks on highly curved or small diameter surfaces.
- Do not use pressure sensitive materials outside the recommended service temperature range, or do not apply below the minimum application temperature.