

Technical data sheet

TS 6631 ST OPAK

MACtac IMAGin self-adhesive products especially designed for digital printing

DESCRIPTION

Face stock :

White woodfree cast coated paper with mirror finish and a blue opaque coating on the adhesive side. Machine finished. Woodfree, ca. 80 g/sqm. Excellent printing quality.

Printing process : Specially designed for digital printing.

(e.g. Konica Minolta®, Xeikon®, Xerox® sheet to sheet digital presses)

Adhesive :

Opaque. For general purpose labelling where complete opacity against the substrate is necessary such as text or price corrections, masking of background colours adhesive. Water emulsion based adhesive for general applications. Excellent ANTI- BLEEDING properties to prevent edge-bleeding during printing and guillotine trimming.

ADHESIVE

	Tack	Adhesion
Opaque Permanent : Good tack and adhesion properties	●●	●●

●●● : High

●● : Medium

● : Low

Backing :

White coated kraft, ca. 95 g/sqm. **with mechanically pre-scored lines for easy removal of the liner.** Space between lines : ca. 31 mm. Back printed liner

Total weight : ca. 195 g/m²

Availability	<ul style="list-style-type: none"> • Sheets sized 45 x 32 cm • Packed by 200 sheets under Kraft paper.
Temperature ranges	Application temperature : + 10 °C to + 40°C End-use temperature : - 20 °C to + 70 °C
Shelf life	2 years when stored at 15-25 °C, 50 % relative humidity, in the original packaging.
Warranty	Above mentioned products should not pose any production problems under normal (prescribed) operating conditions. MACtac does not warrant any part of the printing/finishing equipment that could be used with its products? Prior testing is recommended on any digital printing machine

APPLICATIONS AND USES

For general purpose labelling such as product identification, price labels, audio & video cassettes, direct mail, invitations, certificates, point of sales labels.

Product designed for labelling applications. Warm or cold over- lamination used for marking and design purposes is not recommended with this paper face material

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 95 g/ m² backing paper.

Complementary facility with STARliner® backing: no need of backslitting thanks to pre-scored lines.

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 respecting actual application and end-use conditions (label template, substrate, environment etc...) MACtac may help with compatibility and ageing tests on request.
- 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.

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