

Technical data sheet

TB 6629 PS

MACtac IMAGin self-adhesive products
especially designed for full-colour short-run roll to sheet digital printing

DESCRIPTION

Face stock :

High-gloss coated white paper ca. 80 g/sqm

Printing process : Specially designed for full-colour short-run roll to sheets powered digital printing technologies
(e.g. XEIKON® roll to sheet presses)

Adhesive :

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

ADHESIVE

| | Tack | Adhesion |
|--|------|----------|
| 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. No back printing for easy double sided printing if needed.

Total weight : ca. 200 g/m²

| | |
|---------------------------|---|
| Availability | <ul style="list-style-type: none"> Rolls of 0.50 x 500 m on 6 inches* cores (*15,24 cm) Splice free rolls. |
| 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. |

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APPLICATIONS AND USES

For top quality print jobs such as multi-colour and luxury labels, labels, personalized gifts, self-adhesive business cards, greeting cards and promotional labels for which mirror finish is requested.

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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