

Product data : STARSET - PERMANENT

DESCRIPTION

Face stock :

White dull uncoated polyolefine film, with excellent printing properties thanks to its microporous structure (Teslin®). Film with high opacity, tear strength, excellent dimensional stability.

Excellent printing and overprinting quality by most common processes including digital printing (e.g. HP Indigo®, Xeikon®, Xerox® sheet to sheet digital presses) and compatible with laser printing, thanks to its rapid ink absorption property.

Weight	ca. 105 g/m ²	ISO 536
Thickness	ca. 180 µm	ISO 534

Adhesive :

Permanent acrylic solvent based adhesive.

Backing :

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

Laminate :

ca. 180 (SECURY) - g/m²

ADHESIVE

	Tack	Adhesion
PERMANENT : good tack and adhesion properties	●●	●●(*)

●●● : High ●● : Medium ● : Low

(*) : adhesion decrease in time (see general remarks)

Temperature ranges	Min. application temperature : + 0 °C Service temperature :- 20 °C to + 80 °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.

@ = registered company names and trade marks

APPLICATIONS AND USES

For EDP and VIP durable labelling such as identification codes, serial numbers variable applications, etc.. Excellent overprinting in laser thermal transfer, inkjet.

MAIN BENEFITS FOR THE USER

Polyolefine film providing remarkable printing characteristics, which handles as easily as paper. Good resistance to water and chemical agents. Good conformability.

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.
- As this material is microporous (what enables excellent printing characteristics thanks to its rapid ink absorption property) adhesion properties tend to decrease in time.
- Never exceed shelf life of 2 years and manage tightly inventory on a FIFO basis as adhesion properties of starset tend to diminish in time.

Do not use pressure sensitive materials outside the recommended service temperature range, or do not apply below the minimum application temperature.