



BT1001

Strippable coating plate for water-based and UV varnishes

APPLICATION

Presses	In-line coating units
Substrates	Carton and paper
Varnishes	Water-based and UV
Wash-up solvents	Conventional, UV, water
Nip anilox roller/plate	3mm min./5mm max.
Pressure impression cyl./plate	Kiss print

CUSTOMER VALUE

Productivity:

- Prompt and easy to strip, consistent peel-strength.
- Less plate re-making needed for carrier break caused by polyester scoring.

Quality:

- High volume varnish transfer and gloss readings.
- Facilitates processing of UV, matt, satin and soft-touch varnishes.
- Even coating laydown over the entire sheet.
- Compensates for anilox roller vibrations.

Sustainability:

- Reduction in plate consumption related to carrier break caused by polyester scoring.
- Drop in waste generated by complications in processing of sensitive varnishes.
- Enhanced operator health protection.

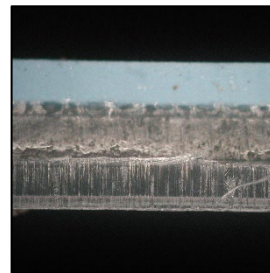
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- Reinforced consumer protection.

FEATURES

- Low peel-strength TPU bonding layer.
- Mechanically treated polyester carrier.
- 2-piece polyester carrier.
- Soft surface rubber.
- Tight thickness tolerance.
- Compliant with REACH regulations.
- Isega-certified.



TECHNICAL DATA

Construction:

Stencil BT1001/1.15	0.8mm
Stencil BT1001/1.35	1.0mm
Carrier	Polyester (0.35mm)

Stencil:

Micro-hardness	57 Shore A
Surface material	Rubber
Colour	Light Blue
Finish	Ground & polished
Roughness(Ra)	0.4-0.7µm
Bonding material	TPU
Peel strength	5N/cm (+/-2)

Physical Properties:

Overall hardness	73 Shore A
Tensile strength	>2000N/50mm
Elongation at 500N/50mm	<0.8%
Gauge loss at tensioning and running in	<2%

Gauge:

Nominal gauge BT1001/1.15	1.15mm (+/-0.02mm)
Nominal gauge BT1001/1.35	1.35mm (+/-0.02mm)

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Gauge uniformity per plate of max. 1SQM +/-0.015mm

Commercial Print

