



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.
- Reinforced consumer protection.

Boost your Production



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)

Gauge uniformity per plate of max. 1SQM

+/-0.015mm

Folding Carton

