Boost your
Production

Böttcher
Since 1725

BT1001UV

Printing Blanket

Strippable coating plate for water-based and UV varnishes

Folding Carton

APPLICATION

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

CUSTOMER VALUE

Productivity:

- Reduction in press downtime for plate change required for premature stencil lifting or stencil delamination, namely in aggressive UV applications.
- Less plate re-making needed for early stencil lifting or stencil delamination.

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:

- Contraction in plate consumption due to poor resistance to stencil lifting or stencil delamination, namely with aggressive UV varnishes.
- Cutback in start-up waste subsequent to plate change for premature stencil lifting or stencil delamination during production.
- Enhanced operator health protection.
- Reinforced consumer protection.

PRODUCTIVITY
QUALITY
SUSTAINABILITY

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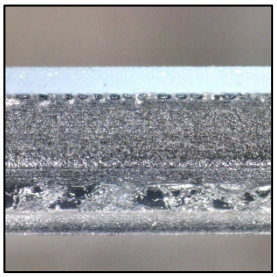
FEATURES

- Slightly higher than standard peel-strength UV-resistant TPU bonding layer.
- Soft surface rubber.
- Tight thickness tolerance.
- Compliant with REACH regulations.
- Isega-certified.



TECHNICAL DATA

Construction:

Stencil BT1001UV/1.15	0.8mm
Stencil BT1001UV/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	6N/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 BT1001UV/1.15	1.15mm (+/-0.02mm)
Nominal gauge BT1001UV/1.35	1.35mm (+/-0.02mm)
Gauge uniformity per plate of max. 1SQM	+/-0.015mm

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