Boost your
Production

Böttcher
Since 1725

BT1010

Strippable coating plate for direct UV and water-based coating on micro-flute board

Folding Carton

APPLICATION

Presses	In-line coating units
Substrates	Micro-flute board
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.
- Affords high speed micro-flute board printing.

Quality:

- Optimum varnish transfer in the „valleys“ of micro-flute board.
- No board structure show-through in the printed image.
- High volume varnish transfer and gloss readings.
- Even coating laydown over the entire sheet.
- Compensates for anilox roller vibrations.
- No adverse effects on the mechanical stability of micro-flute board.

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 generated by extra plate change for premature stencil lifting or stencil delamination during the print run.
- Enhanced operator health protection.

PRODUCTIVITY
QUALITY
SUSTAINABILITY

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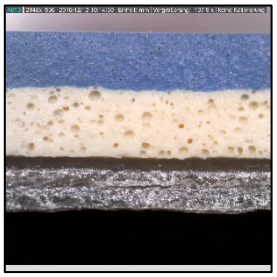
- Reinforced consumer protection.

FEATURES

- Medium peel-strength compressible bonding layer.
- Soft surface rubber.
- Tight thickness tolerance.
- Compliant with REACH regulations.
- Isega-certified.



Folding Carton

TECHNICAL DATA

Construction:	
Stencil	1.0mm
Carrier	Polyester (0.35mm)
Stencil:	
Micro-hardness	48 Shore A
Surface material	Rubber
Colour	Blue
Finish	Ground & polished
Roughness(Ra)	0.4-0.7µm
Bonding material	Compressible rubber
Peel strength	6N/cm (+/-2)
Physical Properties:	
Overall hardness	72 Shore A
Tensile strength	>2000N/50mm
Elongation at 500N/50mm	<0.8%
Gauge loss at tensioning and running in	<2%
Gauge:	
Nominal	1.35mm (+/-0.02mm)
Gauge uniformity per plate of max. 1SQM	+/-0.015mm

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