Boost your **Production**





BT1010

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

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.
- Reinforced consumer protection.



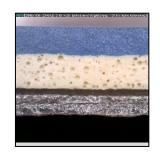
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FEATURES

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



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

