Boost your
Production

Böttcher
Since 1725

BT ZeroMix

Strippable coating plate for UV and water-based varnishes

Commercial Print

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, or for cleaning due to ink back-trapping in water-wased environments.
- Less plate re-making needed for early stencil lifting or stencil delamination.

Quality:

- Even coating laydown over the entire sheet.
- Excellent varnishing results owing to clean running plate in water-based applications.

Sustainability:

- Contraction in plate consumption due to poor resistance to stencil lifting or stencil delamination, namely with aggressive UV varnishes.
- Drop in wash usage related to ink back-trapping with water-based varnishes
- Cutback in start-up waste generated by extra plate change for premature stencil lifting or stencil delamination and/or cleaning for ink back-trapping during the print run.
- Enhanced operator health protection.
- Reinforced consumer protection.

PRODUCTIVITY
QUALITY
SUSTAINABILITY

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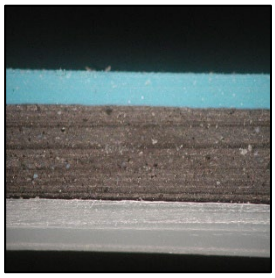
FEATURES

- Medium peel-strength UV-resistant rubber bonding layer.
- Hydrophilic surface rubber.
- Tight thickness tolerance.
- Compliant with REACH regulations.
- Isega-certified.



Commercial Print

TECHNICAL DATA

Construction:	
Stencil BTZeroMix/1.15	0.8mm
Stencil BTZeroMix/1.35	1.0mm
Carrier	Polyester (0.35mm)
Stencil:	
Micro-hardness	61 Shore A
Surface material	Rubber
Colour	Blue
Finish	Ground & polished
Roughness(Ra)	0.4-0.7µm
Bonding material	Rubber
Peel strength	6N/cm (+/-2)
Physical properties:	
Overall hardness	71 Shore A
Tensile strength	>2000N/50mm
Elongation at 500N/50mm	<0.8%
Gauge loss at tensioning and running in	<2%
Gauge:	
Nominal gauge BTZeroMix/1.15	1.15mm (+/-0.02mm)
Nominal gauge BTZeroMix/1.35	1.35mm (+/-0.02mm)
Gauge uniformity per plate of max. 1SQM	+/-0.015mm

PRODUCTIVITY
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