

Boost your Production



BT ZeroMix

Strippable coating plate for UV and water-based varnishes

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-washed 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.

Metal Decorating

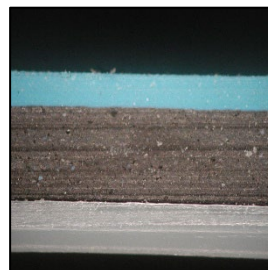


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FEATURES

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



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

Metal Decorating

