














BöttcherTop 1003

Coating plate

strippable coating plate for spot coating with water-based coating

→ Presses	In-line coating units
→ Packing height	Bearer height
→ Substrates	Paper and carton
→ Coatings	Water-based
→ Wash-up solvents	Water and conventional

Application

→ Hydrophilic surface rubber	<ul style="list-style-type: none">  High coating transfer (approx. 5 g / m²)  Reduced ink piling in coating areas  Less wash-ups required, easy cleaning
→ Micro-ground and polished printing surface	<ul style="list-style-type: none">  Tight gauge tolerances (+/- 0.02 mm)  Homogeneous coating transfer
→ Rubber face	<ul style="list-style-type: none">  Excellent compatibility with oil-based / UV inks and conventional / UV cleaning fluids
→ Deep stencil profiles (1.15 mm: 0.80 mm) (1.35 mm: 1.00 mm)	<ul style="list-style-type: none">  Trouble-free coating of any job  Reduced coating build-up in non coating areas  Less waste (dirty sheets)
→ Stripping layer technology using no glue	<ul style="list-style-type: none">  No stencil delamination caused by coatings and / or cleaning fluids  Controlled and consistent peel strength ensures prompt and easy stripping
→ High stability polyester carrier (0.35 mm)	<ul style="list-style-type: none">  No mis-registration at make-ready and during production  Can be reused for many subsequent repeat jobs

Features / Benefits

Construction

Fabric plies: 1
Carrier: Polyester 0.35 mm

Physical properties

Overall hardness: 75° Shore A
Tensile strength: > 1750N/50 mm
Elongation at 500N/50 mm: < 0.8%
Gauge loss at tensioning and running in: < 2%

Gauge

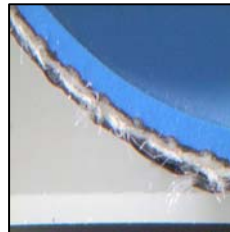
Nominal gauge: 1.96 mm (+/- 0.03 mm)
Gauge uniformity per Blanket of max. 1 m²: +/- 0.015 mm

Surface

Colour: Blue
Finish: ground and polished
Roughness (Ra): 0.4 – 0.7 µm
Micro-hardness: 58° Shore A

Stripping properties

Depth of stencil profile: 1.15 mm: 0,8 mm (+/- 0.1 mm)
1.35 mm: 1.0mm (+/- 0.1mm)
Peel strength: 7N/cm (+/- 2)



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