





















# BöttcherTop 1010

## Strippable coating plate

For spot coating with water-based and UV coatings

→ Presses	In-line coating units
→ Packing height	Bearer height
→ Substrates	Carton, metal and paper
→ Inks	Water-based and UV
→ Wash-up solvents	Water-based, conventional, UV

*Application*

- Hydrophilic mixed-mode surface rubber
  -  High and homogeneous coating transfer
  -  Reduced ink back-trapping in coating areas with water-based coatings
  -  Good swell resistance to UV coatings and UV cleaning fluids
  
- Soft rubber surface combined with compressible stripping layer
  -  Handles uneven substrates and thickness variations in substrates with ease
  -  Suitable for flute board
  -  Compensates for anilox roller bounce
  -  Outstanding performance with soft-touch coatings
  
- Smooth surface finish (Ra: 0.4-0.7µm)
  -  No surface pattern visible in print, even when printing high gloss and matt UV coatings
  -  Tight gauge tolerances (+/-0.02mm)
  
- Deep stencil profile (BT1010/1.15mm: 0.8 mm) (BT1010/1.35mm: 1.0 mm)
  -  Trouble-free coating of any job
  -  Reduced coating built-up in non coating areas
  -  Less wastage (dirty sheets)
  
- Fabric-free stripping layer
  -  Easy to cut on any plotter
  -  Allows cutting of very intricate designs
  -  Little risk of lifting unwanted areas at stripping, especially in corners
  -  No residual threads/fibres after stripping
  
- Mixed-mode compressible stripping layer
  -  . No stencil delamination with UV coatings, inclusive of most aggressive ones used in metal decorating.
  -  . No stencil delamination with UV cleaning fluids
  
- High stability polyester carrier (0.35mm)
  -  No mis-registration at make-ready and during production
  -  Can be reused for many subsequent repeat jobs

*Features / Benefits*



### Construction

Stripping layer:	BT1010/1.15: 0.8 mm BT1010/1.35: 1.0 mm
Carrier:	Polyester (0.35 mm)

### Physical properties

Overall hardness:	90° Shore A
Tensile strength:	> 2000N/50 mm
Elongation at 500N/50 mm:	< 0.8%
Gauge loss at tensioning / running in:	< 2%

### Gauge

Nominal gauge:	1.15 mm (+/- 0.02 mm) 1.35 mm (+/- 0.02 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:	48° Shore A

### Stripping Features

Depth of stencil:	0.8 mm 1.0 mm
Peel strength:	6 N/cm (+/-2)

All our product information sheets, as well as our contact data you will find on the internet [www.boettcher-systems.com](http://www.boettcher-systems.com).

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