




















# BöttcherTop 1001

## Coating plate

strippable coating plate for spot coating with water-based and UV coating

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

*Application*

→ Hydrophilic surface rubber	<ul style="list-style-type: none"> <li> High and homogeneous coating transfer</li> <li> Reduced ink back-trapping in coating areas</li> <li> Less wash-ups required, prompt and easy cleaning</li> </ul>
→ Micro-ground and polished printing surface	<ul style="list-style-type: none"> <li> Tight gauge tolerances (+/-0.02mm)</li> <li> Homogeneous coating transfer</li> <li> No surface pattern visible in print, even when printing high gloss and matt UV</li> </ul>
→ Soft Rubber surface	<ul style="list-style-type: none"> <li> Handles uneven substrates and thickness variations with ease</li> <li> Compensates for anilox roller bounce</li> </ul>
→ Deep stencil profiles (0.8mm/1.0mm)	<ul style="list-style-type: none"> <li> Trouble-free coating of any job</li> <li> Reduced coating build-up in non coating areas</li> <li> Less waste (dirty sheets)</li> </ul>
→ PU bonding layer	<ul style="list-style-type: none"> <li> Handles water-based + UV coatings with equal ease, no stencil delamination</li> </ul>
→ High stability polyester carrier (0.35 mm)	<ul style="list-style-type: none"> <li> No mis-registration at make-ready and during production</li> <li> Can be reused for many subsequent repeat jobs</li> </ul>
→ Fabric-free stripping layer	<ul style="list-style-type: none"> <li> Easy to cut on any plotter</li> <li> Allows cutting of very intricate designs</li> <li> No threads/fibres left after stripping</li> </ul>
→ Ground polyester carrier	<ul style="list-style-type: none"> <li> Quick and easy stripping</li> <li> Consistent peel strength within one plate and from prod. batch to prod. batch</li> </ul>

*Features / Benefits*

## Construction

Stripping layer:	BT 1000/1.15: 0.8mm BT 1000/1.35: 1.0mm
Carrier:	Polyester 0.35 mm

## Physical properties

Overall hardness:	73° Shore A
Tensile strength:	> 2000N/50 mm
Elongation at 500N/50 mm:	< 0.8%
Gauge loss at tensioning and running in:	< 2%

## Gauge

Nominal gauge:	1.15 mm (+/-0.02mm) 1.35 mm (+/-0.02mm)
Gauge uniformity per Blanket of max. 1 m <sup>2</sup> :	+/- 0.015 mm

## Surface

Colour:	light blue
Finish:	ground and polished
Roughness (Ra):	0.4 – 0.7 µm
Micro-hardness:	57° Shore A

## Stripping properties

Depth of stencil profile:	0.8 mm/1.0 mm
Peel strength:	5N/cm (+/- 2)



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