

BöttcherTop 1001

Coating plate

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

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

→ Hydrophilic surface rubber	- High and homogeneous coating transfer - Reduced ink back-trapping in coating areas - Less wash-ups required, prompt and easy cleaning	<i>Features / Benefits</i>
→ Micro-ground and polished printing surface	- Tight gauge tolerances (+/-0.02mm) - Homogeneous coating transfer - No surface pattern visible in print, even when printing high gloss and matt UV	
→ Soft Rubber surface	- Handles uneven substrates and thickness variations with ease - Compensates for anilox roller bounce	
→ Deep stencil profiles (0.8mm/1.0mm)	- Trouble-free coating of any job - Reduced coating build-up in non coating areas - Less waste (dirty sheets)	
→ PU bonding layer	Handles water-based + UV coatings with equal ease, no stencil delamination	
→ High stability polyester carrier (0.35 mm)	- No mis-registration at make-ready and during production - Can be reused for many subsequent repeat jobs	
→ Fabric-free stripping layer	- Easy to cut on any plotter - Allows cutting of very intricate designs - No threads/fibres left after stripping	
→ Ground polyester carrier	- Quick and easy stripping - Consistent peel strength within one plate and from prod. batch to prod. batch	

Construction

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

Surface

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

Physical properties

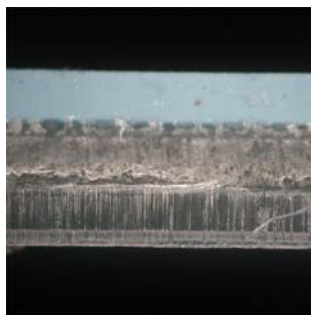
Overall hardness:	73° Shore A
Tensile strength:	> 2000N/50 mm
Elongation at 500N/50 mm:	< 0.8%
Gauge loss at tensioning and running in:	< 2%

Stripping properties

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

Gauge

Nominal gauge:	1.15 mm (+/-0.02mm) 1.35 mm (+/-0.02mm)
Gauge uniformity per Blanket of max. 1 m²:	+/- 0.015 mm



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The purpose of these technical data is to assist our customers. We list general experience and laboratory test. Translation of these to actual applications is, however, subject to a variety of factors which are beyond our control. We ask for understanding that claims can't be based upon them.