



















BöttcherTop 1009

Strippable coating plate

For spot coating with water-based coatings

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

Application

→ Very hydrophilic surface polymer offering unsurpassed surface energy / surface tension	<ul style="list-style-type: none">  High and homogeneous coating transfer  No ink back-trapping in coating areas (also with spot colours)  Less wash-ups required, prompt and easy cleaning
→ Polymer surface	<ul style="list-style-type: none">  Handles water-based coating with ease  Excellent compatibility with conventional cleaning fluids (except for esters and ketons)
→ Very smooth surface finish (Ra: 0.4-0.7µm)	<ul style="list-style-type: none">  No surface pattern visible in print  Easy sliding of the plotter head in the cutting process
→ Deep stencil profile (BT1009/1.15mm: 0.8 mm) (BT1009/1.35mm: 1.0 mm)	<ul style="list-style-type: none">  Trouble-free coating of any job  Reduced coating built-up in non coating areas  Less wastage (dirty sheets)
→ Fabric-free stripping layer	<ul style="list-style-type: none">  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
→ Controlled peel strength	<ul style="list-style-type: none">  Quick and easy stripping  Consistent peel strength within one plate and from production batch to production batch
→ High stability polyester carrier (0.35mm)	<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

Stripping layer: BT1009/1.15: 0.8 mm
BT1009/1.35: 1.0 mm
Polyester (0.35 mm)

Physical properties

Overall hardness: 90° Shore A
Tensile strength: > 2000N/50 mm
Elongation at 500N/50 mm: < 0.5%
Gauge loss at
tensioning / running in: < 1%

Gauge

Nominal gauge: 1.15 mm (+/- 0.05 mm)
1.35 mm (+/- 0.05 mm)
Gauge uniformity per
Blanket of max. 1 m²: +/- 0.03 mm

Surface

Colour: Light blue
Finish: moulded
Roughness (Ra): 0.4 – 0.7 µm
Micro-hardness: 83° Shore A (+/- 3)

Stripping Features

Depth of stencil: 0.8 mm
1.0 mm
Peel strength: 5.5 N/cm (+/-2)