

BöttcherTop 6600 N

Blanket for heatset webs and sheet-fed presses (paper and carton)

For the highest mechanical and chemical demands in the pressroom

→ Presses	Web heatset and single-width newspaper presses
→ Packing height	In most cases, 0.02 / 0.03 less than OEM recommendations
→ Substrates	paper (coated, uncoated, LWC)
→ Inks	Conventional, vegetable oil-based, hybrid/UV
→ Wash-up solvents	Conventional, vegetable oil-based, hybrid/UV

Application

→ Ground compressible layer	<ul style="list-style-type: none"> Constant print quality on the total print width Constant web feed properties (True-Rolling)
→ Hydrophilic and micro-ground printing surface, controlled roughness 0.9 – 1.2 µm	<ul style="list-style-type: none"> Well balanced halftone and solid quality Optimum ink coverage on all substrates (coated, uncoated, LWC) Ultra-quick release of all substrates Low paper dust and ink piling
→ High compressibility resulting from 3-ply construction and a high content of closed cells	<ul style="list-style-type: none"> Excellent resistance to excess-pressure (wrap-arounds, web changes, etc.) Low tendency for heat-build up (great stability of the ink/water balance) up to 70000 cylinder revolutions per hour
→ Hydrophilic surface compound especially developed for alcohol reduced (<5%) and alcohol free printing	<ul style="list-style-type: none"> Excellent ink release for minimum ink build-up and/or ink back trapping from previous units Reduced paper dust piling Reduced dot gain
→ High stability carcass manufactured from prestretched and multi-calendered fabrics	<ul style="list-style-type: none"> Minimum residual elongation High dimensional and register stability, also on double-round heatset webs Constant web feed Minimum gauge loss (0.03 mm max.)
→ Pressurised compressible layer	<ul style="list-style-type: none"> Excellent compression set (extraordinary absorbing capacity of cylinder bounce, press specific vibrations and press wear) Low energy loss in the time, extended service life

Features / Benefits

Construction

Fabric plies: 3
 Compressible layer: Closed cells, pressurised
 Identification lines: 2 x blue

Physical properties

Overall hardness: 79° Shore A
 Tensile strength: > 3750N/50 mm
 Elongation at 500N/50 mm: < 2%
 Gauge loss at tensioning and running in: < 2%

Gauge

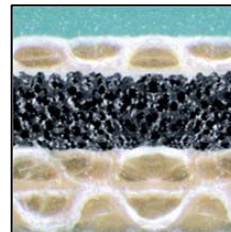
Nominal gauge: 1.96 mm(+/-0.02 mm)
 Gauge uniformity per Blanket of max. 1 m²: +/- 0.015 mm

Surface

Colour: Green
 Finish: ground and polished
 Roughness (Ra): 0.9 – 1.2 µm
 Micro-hardness: 63° Shore A

Physical properties

Indentation at 100N/cm²: 0.14 mm (7.1 %)
 Indentation at 200N/cm²: 0.23 mm (11.7 %)



All our product information's you will find in the internet on www.boettcher-systems.com

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