

















BöttcherTop 5400 N

Web heatset & sheet-fed blanket

designed for severe chemical and mechanical pressroom conditions

→ Presses	Web heatset and sheet-fed
→ Packing height	Conform to OEM recommendations
→ Substrates	Paper and carton
→ Inks	Most types (including UV and hybrid)
→ Wash-up solvents	Most types (including UV and hybrid)

Application

→ Micro-ground and polished printing surface, controlled roughness 0.9 – 1.2 µm	<ul style="list-style-type: none">  Sharp and crisp halftones  Full dots, dense and well-spread solids  Optimum ink cover on all paper grades (coated, uncoated, LWC)  Excellent web and sheet release (Quick Release)
→ Original surface rubber blend using different types of polymers	<ul style="list-style-type: none">  Reduced ghosting  Controlled swelling in dual-purpose applications (conventional and UV inks and washes)  Controlled swelling in hybrid applications (inks and washes)  Reduced ink piling
→ High compressibility resulting from 3-ply construction and a high content of closed cells	<ul style="list-style-type: none">  Neutral web feed properties (True-Rolling)  Excellent resistance to excess-pressure (wrap-arounds, double/folded sheets, web changes, edge cuts, etc)  Low tendency for heat-built-up (great stability of the ink/water balance, no surface delamination)  Compensates for mechanical shortcomings such as cylinder bounce (streaks), press specific vibrations and press wear
→ High stability carcass manufactured from pre-stretched and multi-calendered fabrics	<ul style="list-style-type: none">  Minimum residual elongation, controlled gauge loss  High dimensional stability, also on big format sheetfed presses  Consistent web feed
→ Fabrics carefully selected to work together	<ul style="list-style-type: none">  No sinking at the cylinder gap, maximum print length

Features / Benefits

Construction

Fabric plies: 3
Compressible layer: Closed cell
Identification lines: 2 x blue

Physical properties

Overall hardness: 78° Shore A
Tensile strength: > 3550N/50 mm
Elongation at 500N/50 mm: < 2%
Gauge loss at tensioning and running in: < 2%

Gauge

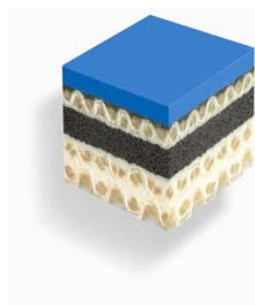
Nominal gauge: 1.96 mm(+/-0.02 mm)
Gauge uniformity per Blanket of max. 1 m²: +/- 0.015 mm

Surface

Colour: Dark blue
Finish: ground and polished
Roughness (Ra): 0.9 – 1.2 µm
Micro-hardness: 53° Shore A

Physical properties

Indentation at 100N/cm²: 0.15 mm (7.7 %)
Indentation at 200N/cm²: 0.25 mm (12.8 %)



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

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