# BöttcherTop 8600 Blanket

For highest quality requirements on modern fast running presses

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<tr>
<th>Application</th>
<th>Features / Benefits</th>
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<td>Presses</td>
<td>Sheet-fed</td>
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<td>Packing height</td>
<td>Conform to OEM recommendations</td>
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<tr>
<td>Substrates</td>
<td>Paper and carton</td>
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<tr>
<td>Inks</td>
<td>Most types (incl. UV and hybride)</td>
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<tr>
<td>Wash-up solvents</td>
<td>Most types (incl. UV and hybride)</td>
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</table>

- Micro-ground and polished printing surface, very smooth surface finish
  - Sharp and well defined dots
  - Full dots, dense and well-spread solids
  - Optimum dot gain and contrast readings
  - Prompt and easy to clean

- Harder than standard rubber surface (68° Shore A)
  - High resistance to edge cut and frequent format changes
  - Excellent resistance to abrasion (substrates and automatic blanket cleaning devices)
  - High chemical resistance to aggressive inks and cleaning fluids

- High compressibility 3-ply construction using latest generation of microspheres
  - Excellent resistance to excess-pressure (double/folded sheets, format changes, pilling, etc.)
  - Handles uneven substrates and thickness variations in substrates with ease
  - Compensates for mechanical shortcomings such as vibrations, press wear and cylinder bounce (streaks)

- High stability carcass manufactured from pre-stretched and calendered fabrics
  - Minimum residual elongation, controlled gauge loss
  - No doubling and slurring
  - High dimensional stability, also on big format sheet-fed presses

- Newly developed hydrophilic and UV-resistant surface compound
  - Optimum behaviour in alcohol reduced and alcohol free printing
  - Controlled swelling in mixed-mode and hybride applications
Construction

Fabric plies: 3
Compressible layer: closed cell
Identification lines: none

Surface

Colour: blue
Finish: ground and polished
Roughness (Ra): 0.5 – 0.8 μm
Micro-hardness: 68° Shore A

Physical properties

Overall hardness: 79° Shore A
Tensile strength: > 3500N/50 mm
Elongation at 500N/50 mm: < 1.5%
Gauge loss at tensioning / running in: < 2%

Gauge

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

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.

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