## BöttcherTop 8400 Blanket

For frequent format changes in severe chemical pressroom conditions

<table>
<thead>
<tr>
<th>Application</th>
<th>Features / Benefits</th>
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<tbody>
<tr>
<td>Presses Sheet-fed</td>
<td>Micro-ground and polished printing surface, smooth surface finish (Ra: 0.9-1.2µm)</td>
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<tr>
<td>Packing height Conform to OEM recommendations</td>
<td>Harder than standard surface rubber (68° Shore A)</td>
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<td>Substrates Paper and carton</td>
<td>High compressibility 3-ply construction</td>
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<td>Inks Most types (incl. UV and hybride)</td>
<td>High stability carcass manufactured from pre-stretched and calendered fabrics</td>
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<tr>
<td>Wash-up solvents Most types (incl. UV and hybride)</td>
<td>Original surface rubber blend using different types of polymers and fillers</td>
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<tr>
<td>Fount solutions IPA and alcohol substitutes</td>
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</tbody>
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- Sharp and well defined dots
- Full dots, dense and well-spread solids
- Prompt and easy to clean
- 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
- 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 and wear.
- Minimum residual elongation, controlled gauge loss
- No doubling and slurring
- High dimensional stability, also on big format sheet-fed presses
- Controlled swelling in mixed-mode applications (conventional and UV inks and washes)
- Controlled swelling in hybride applications (inks and washes)
Construction

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

Surface

Colour: blue
Finish: ground and polished
Roughness (Ra): 0.9 - 1.2 μm
Micro-hardness: 68° Shore A

Physical properties

Overall hardness: 78° Shore A
Tensile strength: > 3500N/50 mm
Elongation at 500N/50 mm: < 1.5%
Gauge loss at tensioning / running in: < 2%

Physial properties

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

Gauge

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

All our product information sheets you will find on the internet www.boettcher-systems.com. Take advantage of our homepage and learn more about our products and services.

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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 not be based upon them.