BöttcherTop 8000 Blanket

For cost reduction in severe mechanical pressroom conditions

<table>
<thead>
<tr>
<th>Application</th>
<th>Features / Benefits</th>
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<tbody>
<tr>
<td>Presses</td>
<td>Sheet-fed</td>
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<tr>
<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>Conventional &amp; vegetable oil-based</td>
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<tr>
<td>Wash-up solvents</td>
<td>Conventional, low VOC, VOC-free</td>
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- Micro-ground and polished printing surface, controlled roughness
  - Great balance of solids and halftones
  - Handles a wide range of substrates (paper and carton)
  - Optimum ink cover on all paper grades (coated/uncoated)
  - Excellent release of printed substrates (Quick Release)
  - Reduced ink and paper dust piling

- Harder than standard rubber surface (70° 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 conventional inks, cleaning fluids and fount solutions

- High compressibility 3-ply construction
  - Excellent smash resistance
  - Handles uneven substrates and thickness variations in substrates with ease
  - Compensates for mechanical shortcomings such as cylinder bounce (streaks), press specific vibrations and press wear

- Stable carcass manufactured from pre-stretched fabrics
  - Minimum residual elongation, no need for re-tensioning
  - No doubling and slurring
  - High dimensional and register stability
Construction

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

Physical properties

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

Surface

Colour: blue
Finish: ground and polished
Roughness (Ra): 0.7 – 1.0 μm
Micro-hardness: 70° Shore A

Physical properties

Indentation at 100N/cm²: 0.14 mm (6.6%)
at 200N/cm²: 0.24 mm (10.7%)

Gauge

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

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