# BöttcherTop 7200 Duo

**Sheet-fed Blanket (Paper and Carton)**

Combines the advantages of a soft and a hard blanket

<table>
<thead>
<tr>
<th>Features / Benefits</th>
<th>Application</th>
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</thead>
<tbody>
<tr>
<td>➔ Presses</td>
<td>➔ Sheet-fed</td>
</tr>
<tr>
<td>➔ Packing height</td>
<td>➔ Conform to OEM recommendations</td>
</tr>
<tr>
<td>➔ Substrates</td>
<td>➔ Paper and carton</td>
</tr>
<tr>
<td>➔ Inks</td>
<td>➔ Conventional and 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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<tr>
<td>➔ Micro-ground and polished printing surface, controlled roughness 0.9 – 1.2 μm</td>
<td>➔ Sharp and crisp halftones</td>
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<td></td>
<td>➔ Full dots, dense and well-spread solids</td>
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<td></td>
<td>➔ Optimum ink cover on all paper grades (coated,</td>
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<tr>
<td></td>
<td>uncoated)</td>
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<td></td>
<td>➔ Excellent sheet release (Quick Release)</td>
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<tr>
<td>➔ Hydrophilic surface compound especially developed for alcohol reduced (&lt;5%) and</td>
<td>➔ Minimum ink build-up and / or back-trapping</td>
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<tr>
<td>alcohol free printing</td>
<td>from previous printing units</td>
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<td>➔ Reduced paper dust piling, calcium build-up</td>
</tr>
<tr>
<td></td>
<td>and dot gain</td>
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<tr>
<td>➔ No fabric between printing surface and first compressible layer</td>
<td>➔ No surface rubber delamination</td>
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<td></td>
<td>➔ No sinking at the gap, maximum print length</td>
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<td>➔ Excellent resistance to excess-pressure (double/</td>
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<td>folded sheets, format changes, etc.)</td>
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<td></td>
<td>➔ Handles uneven substrates and thickness variations in substrates with ease</td>
</tr>
<tr>
<td>➔ Two compressible layers</td>
<td>➔ Compensates for mechanical shortcomings such</td>
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<tr>
<td></td>
<td>as cylinder bounce (streaks), press specific</td>
</tr>
<tr>
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<td>vibrations and press wear</td>
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<td>➔ Low tendency for heat-built-up (great stability</td>
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<td>of the ink/water balance, no surface delamination)</td>
</tr>
<tr>
<td>➔ High stability carcass manufactured from pre-stretched and multi-calendered fab-</td>
<td>➔ Minimum residual elongation</td>
</tr>
<tr>
<td>rics</td>
<td>➔ High dimensional and register stability</td>
</tr>
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<td></td>
<td>➔ Controlled gauge loss</td>
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<td></td>
<td>➔ Consistent web feed</td>
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</tbody>
</table>
Construction

Fabric plies: 3
Compressible layer: Closed cells
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’s you will find in the internet on www.boettcher-systems.com

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.

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