

# BöttcherTop 7200 Duo

## Sheet-fed Blanket (Paper and Carton)

Combines the advantages of a soft and a hard blanket

→ Presses	Sheet-fed
→ Packing height	Conform to OEM recommendations
→ Substrates	Paper and carton
→ Inks	Conventional and vegetable oil-based
→ Wash-up solvents	Conventional, low VOC, VOC-free

*Application*

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

*Features / Benefits*

## 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

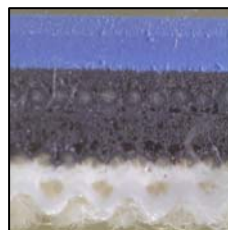
Nominal gauge: 1.96 mm( +/-0.02 mm)  
Gauge uniformity per Blanket of max. 1 m<sup>2</sup>: +/- 0.015 mm

## 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/cm<sup>2</sup>: 0.15 mm (7.7 %)  
Indentation at 200N/cm<sup>2</sup>: 0.25 mm (12.8 %)



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