BöttcherTop 5400 N
Web heatset & sheet-fed blanket
designed for severe chemical and mechanical pressroom conditions

- **Presses**: Web heatset and sheet-fed
- **Packing height**: Conform to OEM recommendations
- **Substrates**: Paper and carton
- **Inks**: Most types (including UV and hybrid)
- **Wash-up solvents**: Most types (including UV and hybrid)

### Features / Benefits

- 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, LWC)
  - Excellent web and sheet release (Quick Release)

- Original surface rubber blend using different types of polymers
  - Reduced ghosting
  - Controlled swelling in dual-purpose applications (conventional and UV inks and washes)
  - Controlled swelling in hybrid applications (inks and washes)
  - Reduced ink piling

- High compressibility resulting from 3-ply construction and a high contend of closed cells
  - Neutral web feed properties (True-Rolling)
  - Excellent resistance to excess-pressure (wrap-around, double/folded sheets, web changes, edge cuts, etc)
  - Low tendency for heat-built-up (great stability of the ink/water balance, no surface delamination)
  - Compensates for mechanical shortcomings such as cylinder bounce (streaks), press specific vibrations and press wear

- High stability carcass manufactured from pre-stretched and multi-calendered fabrics
  - Minimum residual elongation, controlled gauge loss
  - High dimensional stability, also on big format sheetfed presses
  - Consistent web feed

- Fabrics carefully selected to work together
  - No sinking at the cylinder gap, maximum print length
Construction

Fabric plies: 3
Compressible layer: Closed cell
Identification lines: 2 x blue

Surface

Colour: Dark blue
Finish: ground and polished
Roughness (Ra): 0.9 – 1.2 μm
Micro-hardness: 53° Shore A

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%

Physical properties

Indentation at 100N/cm²: 0.15 mm (7.7 %)
Indentation 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 you will find in the internet on www.boettcher-systems.com