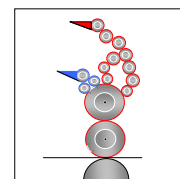


BöttcherTop 5400

Sheet-fed blanket (paper and carton)

designed for high quality printing in an IPA free/reduced and mechanically demanding environment

- | | |
|--------------------|--------------------------------------|
| → Presses | Sheet-fed |
| → Packing height | Conform to OEM recommendations |
| → Substrates | Paper and cartons |
| → Inks | Conventional and vegetable oil-based |
| → Wash-up solvents | Conventional, low VOC, VOC-free |
| → Fount solutions | IPA and alcohol substitutes |



Application

Features

- Original EPDM surface compound
- Micro-ground and polished printing surface, controlled roughness 0.9 – 1.2 µm
- High compressibility resulting from 3-ply construction and a high content of closed cells
- High stability carcass manufactured from prestretched and multi-calendered fabrics

Benefits

- ⊕ Exceptional swell resistance to polar components found in UV inks and UV cleaning fluids
- ⊕ No relief images, retain images and ghosting
- ⊕ High resistance to heat
- ⊕ Can be used with the new generation of hybrid inks providing that the UV content is highly predominant
- ⊕ Sharp, well defined dots
- ⊕ Full dots, dense and well-spread solids
- ⊕ Optimum ink cover on all paper grades (coated, uncoated)
- ⊕ Excellent release of printed substrates (Quick Release)
- ⊕ Good smash and edge cut resistance
- ⊕ Handles uneven substrates with ease
- ⊕ Compensates for mechanical shortcomings such as cylinder bounce (streaks), press specific vibrations and press wear
- ⊕ Minimum residual elongation, controlled gauge loss
- ⊕ High dimensional and register stability, also on big format sheet-fed presses



Features and Benefits

Construction

- ⊕ Fabric Plies 3
- ⊕ Compressible layer Closed Cells
- ⊕ Identification lines 2 x blue

Surface

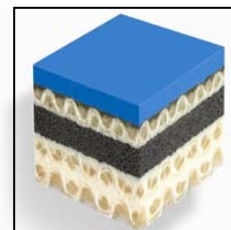
- ⊕ Colour Dark blue
- ⊕ Finish Ground and polished
- ⊕ Roughness (Ra) 0.9 – 1.2 μm
- ⊕ Micro-hardness 53° Shore A

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%
- ⊕ 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



Technical Data

All our product information's you will find in the internet on www.boettcher-systems.com. On our homepage you will also experience why Felix Böttcher is one of the **leading system-suppliers of printing rollers, printing chemistry, printing blankets and coating plates.**

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