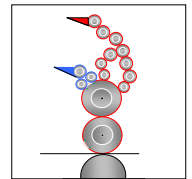


BöttcherTop 4400

Sheetfed blanket (carton and paper)

designed for severe chemical and mechanical pressroom conditions

→ Presses	Sheetfed
→ 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)
→ Fount solutions	IPA and alcohol substitutes



Application

Features

→ Original surface rubber blend using different types of polymers and additives

→ Micro-ground and polished printing surface, controlled roughness 0.9 – 1.2 µm

→ Higher surface rubber hardness than standard

→ Compressible layer with a high content of closed cells

→ High stability carcass manufactured from prestretched fabrics

Benefits

- ⊕ Controlled swelling in dual-purpose applications (conventional and UV inks and washes)
- ⊕ Controlled swelling in hybrid applications (inks and washes)
- ⊕ Reduced ink piling

- ⊕ Sharp, well defined dots
- ⊕ Full dots, dense and well-spread solids
- ⊕ Excellent release of printed substrates (Quick Release)
- ⊕ Reduced ink and paper dust piling

- ⊕ High edge cut resistance
- ⊕ Excellent resistance to abrasion (substrates and automatic blanket cleaning devices)

- ⊕ Good resistance to smashes (double/folded sheets) and format changes
- ⊕ Handles uneven substrates with ease

- ⊕ Minimum residual elongation, controlled gauge loss
- ⊕ No doubling and slurring
- ⊕ High dimensional stability, also on big format sheetfed presses
- ⊕ Reduced piling on the blanket surface



Features and Benefits

Construction

- ⊕ Fabric Plies 4
- ⊕ Compressible layer Closed Cells
- ⊕ Identification lines 2 x blue

Surface

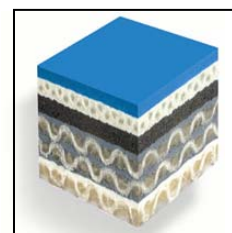
- ⊕ Colour Blue
- ⊕ Finish Ground and polished
- ⊕ Roughness (Ra) 0.9 – 1.2 μm
- ⊕ Micro-hardness 63° Shore A

Physical Properties

- ⊕ Overall hardness 80° Shore A
- ⊕ Tensile strength > 4500N/50 mm
- ⊕ Elongation at 500N/50 mm < 1.5 %
- ⊕ Gauge loss at tensioning and running in < 2%
- ⊕ Indentation at 100N/cm² 0.13 mm (6.6 %)
- ⊕ Indentation at 200N/cm² 0.21 mm (10.7 %)

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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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 your understanding that claims can't be based upon them.