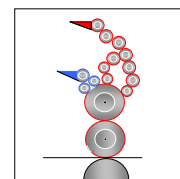


BöttcherTop 7400 DuoTech

Multi-purpose blanket

Combines the advantages of a soft and a hard blanket

- | | |
|--------------------|--------------------------------------|
| → Presses | Heatset, Coldset and 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) |



Application

Features

- Micro-ground and polished printing surface, controlled roughness 0.8 – 1.1 µm
- Original surface rubber blend using different types of polymers
- No fabric between printing surface and first compressible layer
- Two compressible layers (microspheres)
- Two different technologies of compressible layers: microspheres (1st) pressurized voids (2nd)
- Two fabric plies only

Benefits

- ⊕ Sharp and crisp halftones
- ⊕ Full dots, dense and well-spread solids
- ⊕ Optimum ink cover on all paper grades (coated, uncoated, LWC)
- ⊕ Excellent web + sheet release(Quick Release)
- ⊕ Controlled swelling in ndual-purpose and hybrid applications (conventional, UV and hybrid inks and washes)
- ⊕ Reduced ink piling
- ⊕ 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
- ⊕ 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)
- ⊕ Low energy loss in time, extended service life
- ⊕ Instant recovery after every nip
- ⊕ Minimum gauge loss



Features and Benefits

Construction

- ⊕ Fabric Plies 2
- ⊕ Compressible layer Microspheres + pressurized voids
- ⊕ Identification lines None

Surface

- ⊕ Colour Blue
- ⊕ Finish Ground and polished
- ⊕ Roughness (Ra) 0.8 – 1.1 μm
- ⊕ Micro-hardness 62° 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 0.13 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.