

BöttcherTop 2501

Sheet-fed blanket

Designed for severe chemical and mechanical pressroom conditions

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

Application

→ Micro-ground and polished printing surface, controlled roughness 0.9-1.2 µm	 Sharp and well defined dots  Full dots, dense and well-spread solids  Handles a wide range of substrates (paper, carton & metal)  Excellent release of the printed substrate (Quick Release)  Reduced ink and paper dust piling
→ Higher than standard surface rubber hardness	 Excellent edge cut resistance  Excellent chemical resistance to most inks and washes  High resistance to abrasion (substrates and automatic blanket cleaning devices)
→ Stable carcass manufactured from pre-stretched and highly calendered fabrics	 Minimum residual elongation, controlled gauge loss  No doubling and slurring  High dimensional stability, also on big format sheet-fed presses  Reduced piling on the blanket
→ Compressible layer having a high content of closed cells	 Good smash and edge cut resistance  Handles uneven substrates with ease
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Features / Benefits

Construction

Fabric plies:	4
Compressible layer :	Closed Cells
Identification lines:	2 x blue

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%

Gauge

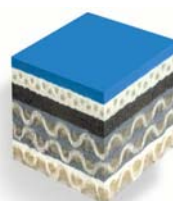
Nominal gauge:	1.96 mm (+/- 0.02 mm)
Gauge uniformity per Blanket of max. 1 m²:	+/- 0.015 mm

Surface

Colour:	blue
Finish:	ground and polished
Roughness (Ra):	0.9 – 1.2 µm
Micro-hardness:	63° Shore A

Physical properties

Indentation	
at 100N/cm²:	0.13 mm (6.6%)
at 200N/cm²:	0.21 mm (10.7%)



All our product information's you will find in the internet on www.boettcher-systems.com

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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 understanding that claims can't be based upon them.