

BöttcherTop 3201

Commercial sheet-fed blanket

designed for high quality printing in an alcohol reduced or alcohol free environment

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

Application

→ Hydrophilic surface compound especially developed for alcohol reduced (<5%) and alcohol free printing	→ Excellent ink release for minimum ink build-up and/or ink back-trapping from previous printing units
	→ Reduced paper dust piling
	→ Reduced calcium build-up
	→ Reduced dot gain
→ Micro-ground and polished printing surface, controlled roughness 0.9 – 1.2 µm	→ Sharp, well defined dots
	→ Full dots, dense and well-spread solids
	→ Excellent release of printed substrates (Quick Release)
	→ Reduced ink and paper dust piling
→ Compressible layer with a high content of closed cells	→ Good smash and edge cut resistance
	→ Compensates for thickness variations in substrates such as paper and metal
→ High stability carcass manufactured from pre-stretched fabrics	→ Minimum residual elongation, no need for retensioning
	→ No doubling and slurring
	→ High dimensional and register stability
	→ Controlled gauge loss, no need for re-packing
	→ Reduced piling on the blanket surface

Features / Benefits

Construction

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

Physical properties

Overall hardness:	79° Shore A
Tensile strength:	> 3575N/50 mm
Elongation at 500N/50 mm:	< 2%
Gauge loss at tensioning and running in:	< 2%

Gauge

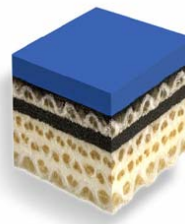
Nominal gauge:	1.96 mm (+/- 0.02 mm)
Gauge uniformity per Blanket of max. 1 m ² :	+/- 0.015 mm

Surface

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

Physical properties

Indentation	
at 100 N/cm ² :	0.11 mm (5.6 %)
at 200 N/cm ² :	0.18 mm (9.2 %)



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

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