
















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

→ Original surface rubber blend using different types of polymers and additives	<ul style="list-style-type: none">  Controlled swelling in dual-purpose applications (conventional and UV inks and washes)  Controlled swelling in hybrid applications (inks and washes)  Reduced ink piling
→ Micro-ground and polished printing surface, controlled roughness 0.9 – 1.2 µm	<ul style="list-style-type: none">  Sharp, well defined dots  Full dots, dense and well-spread solids  Excellent release of printed substrates (Quick Release)  Reduced ink and paper dust piling
→ Higher surface rubber hardness than standard	<ul style="list-style-type: none">  High edge cut resistance  Excellent resistance to abrasion (substrates and automatic blanket cleaning devices)
→ Compressible layer with a high content of closed cells	<ul style="list-style-type: none">  Good resistance to smashes (double/folded sheets) and format changes  Handles uneven substrates with ease
→ High stability carcass manufactured from pre-stretched fabrics	<ul style="list-style-type: none">  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 / 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

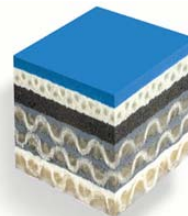
Nominal gauge:	1.96 mm(+/-0.02 mm)
Gauge uniformity per Blanket of max. 1 m ² :	+/- 0.015 mm

Surface

Colour:	Blue
Finish:	ground and polished
Roughness (Ra):	0.5 – 0.8 µm
Micro-hardness:	63° Shore A

Physical properties

Indentation at 100N/cm ² :	0.13 mm (6.6 %)
Indentation at 200N/cm ² :	0.21 mm (10.7 %)



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