







BöttcherTop 8400




Blanket




For frequent format changes in severe chemical pressroom conditions



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|--------------------|-----------------------------------|
| → Presses | Sheet-fed |
| → Packing height | Conform to OEM recommendations |
| → Substrates | Paper and carton |
| → Inks | Most types (incl. UV and hybride) |
| → Wash-up solvents | Most types (incl. UV and hybride) |
| → Fount solutions | IPA and alcohol substitutes |

Application

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|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| → Micro-ground and polished printing surface, smooth surface finish (Ra: 0.9-1.2µm) |  Sharp and well defined dots |
| |  Full dots, dense and well-spread solids |
| |  Prompt and easy to clean |
| → Harder than standard surface rubber (68° Shore A) |  High resistance to edge cut and frequent format changes |
| |  Excellent resistance to abrasion (substrates and automatic blanket cleaning devices) |
| |  High chemical resistance to aggressive inks and cleaning fluids |

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|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| → High compressibility 3-ply construction |  Excellent resistance to excess-pressure (double/folded sheets, format changes, pilling, etc.) |
| |  Handles uneven substrates and thickness variations in substrates with ease |
| |  Compensates for mechanical shortcomings such as vibrations and wear. |

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| → High stability carcass manufactured from pre-stretched and calendered fabrics |  Minimum residual elongation, controlled gauge loss |
| |  No doubling and slurring |
| |  High dimensional stability, also on big format sheet-fed presses |

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|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| → Original surface rubber blend using different types of polymers and fillers |  Controlled swelling in mixed-mode applications (conventional and UV inks and washes) |
| |  Controlled swelling in hybride applications (inks and washes) |

Features / Benefits



Construction

Fabric plies:	3
Compressible layer:	closed cell
Identification lines:	none

Physical properties

Overall hardness:	78° Shore A
Tensile strength:	> 3500N/50 mm
Elongation at 500N/50 mm:	< 1.5%
Gauge loss at tensioning / running in:	< 2%

Gauge

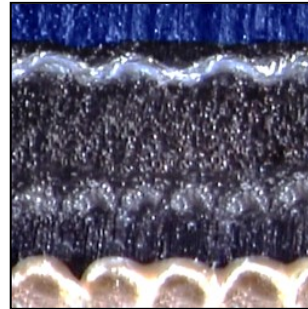
Nominal gauge:	1.96 mm (+/- 0,02 mm)
Gauge uniformity per Blanket of max. 1 m²:	+/- 0.015 mm

Surface

Colour:	blue
Finish:	ground and polished
Roughness (Ra):	0.9 - 1.2 µm
Micro-hardness:	68° Shore A

Physical properties

Indentation at 100N/cm²:	0.15 mm (7.7%)
at 200N/cm²:	0.25 mm (12.8%)

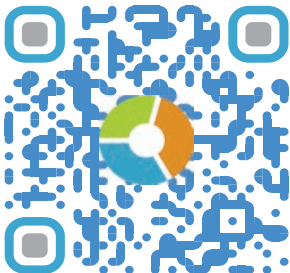


All our product information sheets you will find on the internet www.boettcher-systems.com. Take advantage of our homepage and learn more about our products and services.

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