





















# BöttcherTop 4800

## Multi-substrate UV-blanket (paper, carton, plastics, metal)

designed for high printing quality in UV environments

→ Presses	Sheet-fed
→ Packing height	Conform to OEM recommendations
→ Substrates	Paper, carton, plastics, metal
→ Inks	UV (and hybrid in some cases)
→ Wash-up solvents	UV (and hybrid in some cases)
→ Fount solutions	IPA and alcohol substitutes

*Application*

→ Original EPDM surface compound	<ul style="list-style-type: none"> <li> Exceptional swell resistance to polar components found in UV inks and UV cleaning fluids</li> <li> No relief images, retain images and ghosting</li> <li> High resistance to heat</li> <li> Can be used with the new generation of hybrid inks providing that the UV content is highly predominant</li> </ul>
→ Micro-ground and polished printing surface, controlled roughness 0.9 – 1.2 µm	<ul style="list-style-type: none"> <li> Sharp, well defined dots</li> <li> Full dots, dense and well-spread solids</li> <li> Handles with equal ease a wide range of substrates (paper and carton, coated and uncoated)</li> <li> Excellent release of printed substrates (Quick Release)</li> <li> Reduced ink and paper dust piling</li> </ul>
→ Higher surface rubber hardness than standard	<ul style="list-style-type: none"> <li> Good smash and edge cut resistance</li> <li> Handles uneven substrates with ease</li> <li> Compensates for mechanical shortcomings such as cylinder bounce (streaks), press specific vibrations and press wear</li> </ul>
→ Compressible layer having a high content of closed cells	<ul style="list-style-type: none"> <li> Minimum residual elongation, controlled gauge loss</li> <li> No doubling and slurring</li> <li> High dimensional stability, also on big format sheetfed presses</li> <li> Reduced piling on the blanket</li> </ul>
→ Stable carcass manufactured from prestretched and highly calendered fabrics	<ul style="list-style-type: none"> <li> Minimum residual elongation, controlled gauge loss</li> <li> No doubling and slurring</li> <li> High dimensional stability, also on big format sheetfed presses</li> <li> Reduced piling on the blanket surface</li> </ul>

*Features / Benefits*

## Construction

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

## Physical properties

Overall hardness: 78° Shore A  
Tensile strength: > 4500N/50 mm  
Elongation at 500N/50 mm: < 1.5%  
Gauge loss at tensioning and running in: < 2%

## Gauge

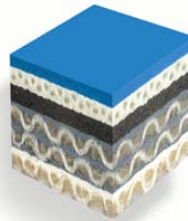
Nominal gauge: 1.96 mm( +/-0.02 mm)  
Gauge uniformity per Blanket of max. 1 m<sup>2</sup>: +/- 0.015 mm

## Surface

Colour: Blue  
Finish: ground and polished  
Roughness (Ra): 0.7 – 1.0 µm  
Micro-hardness: 58° Shore A

## Physical properties

Indentation at 100N/cm<sup>2</sup>: 0.13 mm (6.6 %)  
Indentation at 200N/cm<sup>2</sup>: 0.25 mm (10.7 %)



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