














BöttcherTop 8800

UV blanket

Designed for high printing quality requirements in UV-packaging

→ Presses	Sheetfed
→ Packing height	Conform to OEM recommendations
→ Substrates	Paper, carton, metal, plastics
→ Inks	UV (excluding UV metallic inks)
→ Wash-up solvents	UV
→ Fount Solutions	IPA and alcohol substitutes

Application

→ Original EPDM surface compound	<ul style="list-style-type: none">  Exceptional swell resistance to polar components found in UV inks and UV cleaning fluids  High resistance to UV-lamps  Nor relief images, retain images and ghosting
→ Micro-ground and polished surface, controlled roughness 0.6 – 0.9 µm	<ul style="list-style-type: none">  Sharp and well defined dots  Full dots, dense and well-spread solids  Handles a wide range of substrates (paper, carton, metal, plastics)
→ 3-ply construction offering thicker than standard compressible layer	<ul style="list-style-type: none">  Excellent resistance to excess-pressure (double/folded sheets, format changes/edges cuts, piling, etc.)  Low tendency for heat-built-up (great stability of the ink/water balance)  Compensates for mechanical shortcomings such as cylinder bounce (streaks), press specific vibrations and press wear  Handles uneven substrates with ease
→ Stable carcass manufactured from pre-stretched calendered 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

Features / Benefits

Construction

Fabric plies:	3
Compressible layer:	Closed cell
Identification lines:	None

Physical properties

Overall hardness:	79° Shore A
Tensile strength:	> 4500N/50 mm
Elongation at 500N/50 mm:	< 1.5%
Gauge loss at tensioning / running in:	< 2%

Gauge

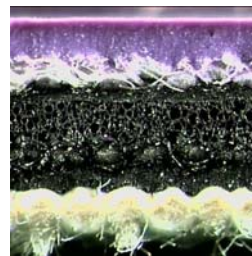
Nominal gauge:	1.96 mm (+/- 0.02 mm)
Gauge uniformity per Blanket of max. 1 m ² :	+/- 0.015 mm

Surface

Colour:	Purple
Finish:	Ground and polished
Roughness (Ra):	0.6 – 0.09 µm
Micro-hardness:	58° Shore A

Physical properties

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



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

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