

















# BöttcherTop 8100

## Sheet-fed blanket (Metal decorating)

Designed for metal decorating with conventional inks and solvents

- |                    |                                 |
|--------------------|---------------------------------|
| → Presses          | Sheet-fed (metal decorating)    |
| → Packing height   | Conform to OEM recommendations  |
| → Substrates       | Tin and aluminum                |
| → Inks             | Conventional                    |
| → Wash-up solvents | Conventional, low VOC, VOC-free |

*Application*

- |  |   |
|--|---|
| → Micro-ground and polished printing surface, controlled roughness | <ul style="list-style-type: none"> <li> Excellent release of tin plates and aluminium sheets (inclusive of lightweight ones) which reduces smearing and makes high production speeds possible</li> <li> Great balance of solids and halftones</li> <li> Reduced ink piling in non image areas</li> </ul>  |
| → Harder than standard rubber surface (70° Shore A)                | <ul style="list-style-type: none"> <li> Reduces cuts at trailing edge of metal sheets</li> <li> Optimizes resistance to blurs in metal sheets</li> <li> High resistance to frequent format changes</li> <li> Excellent resistance to abrasion</li> <li> High chemical resistance to metal decorating inks (and cleaning fluids)</li> </ul> |
| → Hydrophilic surface rubber                                       | <ul style="list-style-type: none"> <li> Accepts a uniform moisture film rather than causing the water to form droplets or beads</li> </ul>   |
| → Reduced compressibility 3-ply construction                       | <ul style="list-style-type: none"> <li> Contributes to keep negative texts open</li> <li> Adapts readily to frequent changes in substrate weights</li> <li> Handles wavy metal sheets with ease</li> </ul>   |
| → Stable carcass manufactured from pre-stretched fabrics           | <ul style="list-style-type: none"> <li> Maintains thickness even after after long runs</li> <li> Minimum residual elongation, no need for re-tensioning</li> <li> No doubling and slurring</li> <li> High dimensional and register stability, even on large format presses</li> </ul>   |

*Features / Benefits*

## Construction

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

## Physical properties

Overall hardness:	79° Shore A
Tensile strength:	> 3500N/50 mm
Elongation at 500N/50 mm:	< 2%
Gauge loss at tensioning / running in:	< 2%

## Gauge

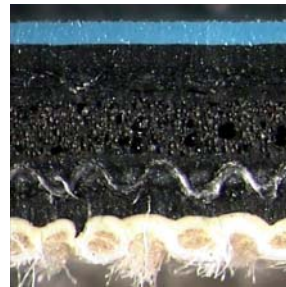
Nominal gauge:	1.96 mm (+/- 0.02 mm)
Gauge uniformity per Blanket of max. 1 m <sup>2</sup> :	+/- 0.015 mm

## Surface

Colour:	Blue
Finish:	ground and polished
Roughness (Ra):	1,2 – 1,5 µm
Micro-hardness:	70° Shore A

## Physical properties

Indentation at 100N/cm <sup>2</sup> :	0.12 mm (6.1%)
at 200N/cm <sup>2</sup> :	0.18 mm (9.2%)



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