Boost your
Production

Böttcher Since 1725

BT 4x4microflute

Printing blanket for direct offset printing on micro-flute board

Product Information

APPLICATION

Presses	Sheet-fed
Substrates	Microflute board
Inks	UV and conventional
Wash-up solvents	UV and conventional
Indentation plate/blanket presses <1080mm	0.22mm- 0.27mm (after running in)
Indentation plate/blanket presses >1080mm	0.27mm -0.32mm (after running in)
Torque in N/m	Blanket across (mm)/20mm (-0/+10%)

CUSTOMER VALUE

Productivity:

- Reduction in press downtime for blanket change required for edge cut or embossing/debossing.
- Drop in press downtime for cleaning, prompt and easy to clean.
- Affords high speed micro-flute board printing.

Quality:

- Optimum ink transfer in the “valleys“ of micro-flute board.
- No board structure show-through in the printed image.
- Crisp halftones, full dots, dense and well-spread solids.
- Compensates for cylinder bounce and other sources of vibrations.
- No adverse effects on the mechanical stability of micro-flute board.

Sustainability:

- Contraction in blanket consumption related to mechanical or chemical damage.
- Drop in wash and cleaning web usage as a result of easy cleaning surface.
- Enhanced operator health protection.
- Reinforced consumer protection.

PRODUCTIVITY
QUALITY
SUSTAINABILITY

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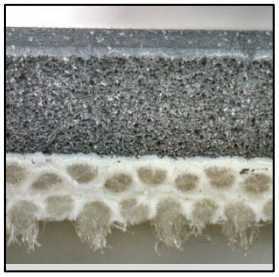
FEATURES

- Soft high chemical resistance mixed-mode surface rubber.
- No fabric between printing surface and compressible layer.
- Reinforced compressible layer afforded by 2-ply construction and specific thickness.
- Smooth surface finish.
- Compliant with REACH regulations.
- Isega-certified.



TECHNICAL DATA

Construction:	
Fabric plies	2
Compressible layer	Microspheres, closed cells
Surface:	
Surface material	Mixed-mode rubber
Colour	Black
Finish	Ground & polished
Roughness(Ra)	0.5-0.8µm
Micro-hardness	60 Shore A
Physical Properties:	
Overall hardness	65 Shore A
Tensile strength	>3500N/50mm
Elongation at 500N/50mm	<1.5%
Gauge loss at tensioning and running in	<2%
Indentation at 100N/cm²	0.42mm (20.3%)
Indentation at 200N/cm²	0.55mm (26.6%)
Gauge:	
Nominal gauge	2.07mm (+/-0.02mm)
Gauge uniformity per plate of max. 1SQM	+/-0.015mm

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