

Boost your Production



BT NewUV

Printing blanket for low-energy UV inks

APPLICATION

Presses	Sheet-fed
Substrates	Paper, carton and metal
Inks	UV
Wash-up solvents	UV
Indentation plate/blanket presses <1080mm	0.10mm -0.15mm (after running in)
Indentation plate/blanket presses >1080mm	0.15mm -0.20mm (after running in)
Torque in N/m	Blanket across (mm)/20mm (-0/+10%)

CUSTOMER VALUE

Productivity:

- Reduction in press downtime for blanket change due to retain images .
- Less press downtime for cleaning related to ink contamination.

Quality:

- Balanced halftone and solid quality.
- Low tendency for yellow ink contamination.
- Minimizes picking and stock delamination.
- Controlled dot sharpening on uncoated substrates.

Sustainability:

- Contraction in printing blanket consumption due to ghosting.
- Drop in wash and cleaning web usage related to ink back-trapping.
- Cutback in waste generated by ink contamination.
- Enhanced operator health protection.
- Reinforced consumer protection.

Commercial Print



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FEATURES

- High chemical resistance EPDM surface rubber.
- Medium surface finish.
- Soft surface rubber.
- Compliant with REACH regulations.
- Isega-certified.

TECHNICAL DATA

Construction:

Fabric plies	3
Compressible layer	Microspheres, closed cells

Surface:

Surface material	EPDM rubber
Colour	Light purple
Finish	Ground & polished
Roughness(Ra)	0.9-1.2µm
Micro-hardness	52 Shore A

Physical Properties:

Overall hardness	78 Shore A
Tensile strength	>4000/50mm
Elongation at 500N/50mm	<2%
Gauge loss at tensioning and running in	<2%
Indentation at 100N/cm ²	0.13mm (6.6%)
Indentation at 200N/cm ²	0.21mm (10.7%)

Gauge:

Nominal gauge	1.96mm (+/-0.02mm)
Gauge uniformity per plate of max. 1SQM	+/-0.015mm

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