

# Boost your Production



## BT NewUV

### Printing blanket for low-energy UV inks

#### APPLICATION

<b>Presses</b>	Sheet-fed
<b>Substrates</b>	Paper, carton and metal
<b>Inks</b>	UV
<b>Wash-up solvents</b>	UV
<b>Indentation plate/blanket presses &lt;1080mm</b>	0.10mm -0.15mm (after running in)
<b>Indentation plate/blanket presses &gt;1080mm</b>	0.15mm -0.20mm (after running in)
<b>Torque in N/m</b>	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.

Folding Carton



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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 <sup>2</sup>	0.13mm (6.6%)
Indentation at 200N/cm <sup>2</sup>	0.21mm (10.7%)

### Gauge:

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

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