

BT6800N

Printing blanket for UV inks

APPLICATION

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

CUSTOMER VALUE

Productivity:

- Extended cleaning intervals, limited tendency for paper dust build up

Quality:

- Balanced halftone and solid quality
- Minimizes picking and stock delamination
- Controlled dot sharpening

Sustainability:

- Drop in wash and cleaning web usage as a result of extended cleaning intervals
- Cutback in start-up waste generated by extra cleaning for paper dust build up during the print run
- Enhanced operator health protection

FEATURES

- Medium surface finish
- Compliant with REACH regulations

TECHNICAL DATA

Construction:

Fabric plies

Compressible layer

3

Microspheres, closed cells

Surface

Surface material

Colour

Finish

Roughness (Ra)

Micro-hardness

EPDM rubber

Red

Ground & polished

0.9-1.2µm

58 Shore A

Physical properties:

Overall hardness

Tensile strength

Elongation at 500N/50mm

Gauge loss at tensioning and running in

Indentation at 100N/cm²

Indentation at 200N/cm²

79 Shore A

>3500N/50mm

<0.9%

<2%

0.13mm (6.6%)

0.21mm (10,7%)

Gauge:

Nominal gauge

Gauge uniformity per plate of max. 1SQM

1.96mm (+/-0.02mm)

+/-0.015mm

