

Boost your Production



BT1001UV

Printing Blanket

Strippable coating plate for water-based and UV varnishes

APPLICATION

| | |
|---------------------------------------|-------------------------|
| Presses | In-line coating units |
| Substrates | Carton, metal and paper |
| Varnishes | UV and water-based |
| Wash-up solvents | UV, conventional, water |
| Nip anilox roller/plate | 3mm min./5mm max. |
| Pressure impression cyl./plate | Kiss print |

CUSTOMER VALUE

Productivity:

- Reduction in press downtime for plate change required for premature stencil lifting or stencil delamination, namely in aggressive UV applications.
- Less plate re-making needed for early stencil lifting or stencil delamination.

Quality:

- High volume varnish transfer and gloss readings.
- Facilitates processing of UV, matt, satin and soft-touch varnishes.
- Even coating laydown over the entire sheet.
- Compensates for anilox roller vibrations.

Sustainability:

- Contraction in plate consumption due to poor resistance to stencil lifting or stencil delamination, namely with aggressive UV varnishes.
- Cutback in start-up waste subsequent to plate change for premature stencil lifting or stencil delamination during production.
- Enhanced operator health protection.
- Reinforced consumer protection.

Commercial Print

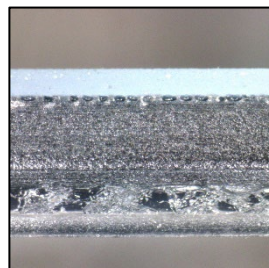


Boost your Production



FEATURES

- Slightly higher than standard peel-strength UV-resistant TPU bonding layer.
- Soft surface rubber.
- Tight thickness tolerance.
- Compliant with REACH regulations.
- Isega-certified.



TECHNICAL DATA

Construction:

| | |
|-----------------------|--------------------|
| Stencil BT1001UV/1.15 | 0.8mm |
| Stencil BT1001UV/1.35 | 1.0mm |
| Carrier | Polyester (0.35mm) |

Stencil:

| | |
|------------------|-------------------|
| Micro-hardness | 57 Shore A |
| Surface material | Rubber |
| Colour | Light Blue |
| Finish | Ground & polished |
| Roughness(Ra) | 0.4-0.7µm |
| Bonding material | TPU |
| Peel strength | 6N/cm (+/-2) |

Physical Properties:

| | |
|---|-------------|
| Overall hardness | 73 Shore A |
| Tensile strength | >2000N/50mm |
| Elongation at 500N/50mm | <0.8% |
| Gauge loss at tensioning and running in | <2% |

Gauge:

| | |
|---|--------------------|
| Nominal gauge BT1001UV/1.15 | 1.15mm (+/-0.02mm) |
| Nominal gauge BT1001UV/1.35 | 1.35mm (+/-0.02mm) |
| Gauge uniformity per plate of max. 1SQM | +/-0.015mm |

Commercial Print

