



van Heek textiles

FOIL STAMPING ADVICE

Coated substrates are generally more receptive to foil stamping than uncoated “dry” materials.

Substrates which are smoother or have a shallow, open texture or pattern are easier to foil than those with deep, dense texture or pattern.

More heat and pressure will increase the degree of foil transfer, which can help to fill texture or pattern, but can also lead to excess foil on image areas and could cause offsetting.

STAMPING DIE:

Copper and brass recommended as they are relatively hard and long lasting.

Magnesium is much cheaper but is soft and can be easily damaged.

L. Van Heek Textiles recommends the following foils for our textile cover materials:



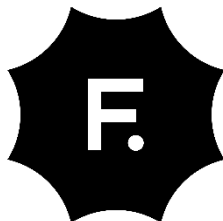
- LUXOR ALUFIN AFS: gold, silver for our coated products
Stamping Temperatures
105 - 115 °C (221 - 239 °F) e.g. on Kolbus Machines
- LUXOR ALUFIN AB: gold, silver for our natural cloths
Stamping Temperatures
100 - 105 °C (212 - 221 °F) for example on Kolbus machines
- COLORIT VB/V: matte pigment, for both coated as natural cloth
Stamping Temperatures
approx. 120 °C / 248 °F for up-down stamping
approx. 150 - 170 °C / 302 - 338 °F for cylinder stamping



- **AV SERIES:** a metallic foil designed for PVC coated substrates, real and imitation leathers, coarse, grained and woven materials.
- **MH & UBH SERIES :** a metallic foil for most rough, uncoated and textured substrates. Recommended temperature range for most standard metallic hot stamping foils being typically 100 °C – 140 °C.
- **PG & UA:** matte pigment, for both coated as natural cloth.

Stamping Temperatures:

- **UA** in white and black only: approx. 80 - 170 °C / 302 - 338 °F. Depending on machine type and application parameters.
- **PG:** approx. 100°C – 150°C with activation at 85°C and recommended top temperature 170°C. Depending on machine type and application parameters.



FOILCO

- **EY, SH, MN** metallic colours. Specifically designed for embossed, rough or dry substrates. Maintaining a high standard of brightness on these difficult applications. Available in all colours of the spectrum in both gloss & satin finishes.
- **NX and HMD** pigment colours. A large range of pigment foils should always be considered when printing on dry or textured substrates.

For stamping directions and recommended temperatures, please visit the website of Foilco. In general more texture foiling needs more pressure. Lasher print area (panel) needs a higher temperature.