

Technical information

Product information Bomo-Cut F

Characterization

Bomo-Cut F is a heat sealable, PVC free film with a soft, fabric surface on a PES tape. The film can be processed by cutting in a plotter to heat-sealable designs. The motifs so obtained can be transferred on both light and dark substrates because of the high opacity.

Appearance

One-sided flocked foil on PES film

Storage

Keep cool and dry; Protect from exposure to light during storage.
We recommend not exceeding a storage period of 6 month.

Features and application

Bomo-Cut F is characterized by its dense flocking and uniform flock length. The films are laminated with the Flock side to a transparent PES Tape and sign optimal properties in terms of cutting, weeding and detachment of the laminating film after the transfer process. The mirror cut motifs can directly after the weeding be positioned on the substrate, preferably textile, without order lamination. The given distances between the motifs and layout are thus retained. The permanent indelible setting of the film on the textile is made by an iron process using a commercially available electrically heated ironing press. PES tape is removed after cooling.

Cutting

Bomo-Cut F can be processed in common plotters without problems both with drag and tangential knife. The motifs are mirrored cut.

Iron on

Before the iron on remove coupage surrounding the motive. The individual motifs are now finished preparing page properly positioned with the PES film up on the substrate. Due to the self-adhesive properties of the tape slipping of the motif is inhibited.

Transfer conditions with heat press:

- 160 °C – 170 °C
- Medium pressure
- 17 – 15 s
- ironed again about 3 sec

PES tape is removed after cooling. Should peeling of the motif edges be visible, this indicates a too short press time, too low temperature or too low pressure.

With smooth, dense substrates, there is the risk that hot-melt adhesive is squeezed laterally or selectively on the surface. An improvement can usually be achieved by reducing the pressure or by softer ironing pads. Steam iron or steam presses are not suitable for transfer process.

Use fastness

Products produced with Bomo-Cut F show after the recommended heat setting a good dry and wet abrasion resistance. In textile substrates a wash resistance up to 60° C is usually achieved. The motives are fit for dry-cleaning.

Intensive mechanical impacts in wet or hot, are to be avoided (electric cloth dryer, etc.)

Dyed or printed textiles or other substrates with insufficient Migrates resistance of the dyes or with inadequate treatment of dyeing / print result at the application or delayed during storage of the final article to staining and hence color change or Bomo-Cut F motifs.

We strongly recommend to always performing preliminary experiments, especially when dyed, impregnated or finished textile qualities and non-textile substrates.

Information on safety please refer to the safety data sheet.

Product changes and leaflet changes without prior notice.

Our Technical Department is at your disposal for any further information or advice you may require.

Store in a cool and dry place; protect against the influence of light when stored. We recommend not to exceed a storage period of 36 months. The technical specifications rest on extensive tests and technical research. Due to the variety of possible influences during refinement, and use, the specifications should be viewed as reference values. We recommend a suitability test on the original material. A legally binding warranty of specific characteristics cannot be derived from our specifications.