

Application Instructions

FLEXCUT SWEET PUFF - Expanding flex film for cutting plotters



Cut mirrored and weed

FlexCut Sweet Puff is an expanding, multi-layered polyurethane foil on polyester carrier. Prior to the transfer process, it is a normal flex film. All kind of designs can be cut using a drag-knife or tangential cutting technology. FlexCut Sweet Puff can also be weeded as usual. During the transfer process its specialty unfolds, in the truest sense of the word-it expands and results in a very special 3D surface effect.

When creating designs it is important to note that spaces of 2mm and smaller will disappear when it expands. In addition, it is important to note the colour change. During expansion, the colours change more in the direction of pastel colours.

The plotted and weeded scripts, or designs, are ironed onto textiles 20 seconds at 170 °C with medium to high pressure. After the transfer process the mounting film can be removed.



Transfer design



Remove liner, done!

The pressure slightly affects the surface and the 3D-effect. With high pressure the 3D-effect is little less and the surface gets smoother. The lower the pressure used, the higher the 3D-effect and the more structure the surface has.

FlexCut Sweet Puff is suitable for cotton, polyester, and blended textiles. It is not suitable for nylon and other coated textiles. It is wash resistant up to 40 °C.



Great 3D-effect

Thickness

60 µ - 500 µ

Cutting conditions

Blade: Relief angle 30 - 45°
Pressure: low/medium
Speed: ≈40 cm/s

Transfer conditions

Temp.: 170 °C
Time: 20 s
Pressure: medium/high

Hot peel

Suitable Textiles

Cotton, Polyester, Blended fabrics. Not suitable for nylon and other coated textiles.

Wash resistance

40 °C wash resistant

Colors

FlexCut Sweet Puff is available in white.

Additional colors upon request

Packaging

50 cm x 10 m
50 cm x 25 m
150 cm x 25 m

Additional packaging upon request

Store in a cool and dry place; protect against the influence of light when stored. We recommend not to exceed a storage period of 6 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.