

FLEX FLEXCUT PUFF

TRANSFER MATERIJAL

FlexCut Puff is an expanding, multi-layered polyurethane foil on polyester carriers. Prior to the transfer process, it is a normal flex film. With it even subtle lines and scripts on plotters can be cut using a drag-knife or tangential cutting technology. FlexCut 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 in the range of 20 seconds at 160 °C up to 15 seconds at 180 °C.

The surface and the height of the 3D effect are dependent on 2 factors:

1. Pressure

The higher the pressure used the less FlexCut Puff can expand upwards, and the smoother the surface. The lower the pressure used, the higher the design can expand upwards, and the more structure the surface has.

2. When the liner is pulled off

The hotter the liner is when it is removed, the more the film can expand afterwards. A higher 3D effect and structured surface result. The cooler the film is when removed the smoother the surface and the lower the effect.

FlexCut 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.



Cut mirrored
and weed



Transfer design



Smooth, slightly 3D



Structured,
a lot of 3D

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.

Transfer Requirements

Temp.: 180 – 160 °C

Time: 15 - 20 s

Pressure: low to high

Suitable Textiles

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

Wash resistance

40 °C wash resistant

Colors

FlexCut Puff - 6 colors



Additional colors upon request

Packaging

50 cm x 10 m

50 cm x 25 m

150 cm x 25 m

Additional packaging upon request