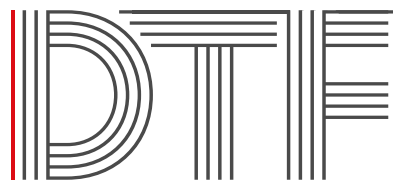




1Kg



HOT MELT POWDER

B-FLEX
HEAT TRANSFER VINYL



DTF HOT MELT POWDER ANTI-MIGRATION FEATURES

B-FLEX ANTI-MIGRATION DTF hot-melt adhesive powder has been developed to ensure maximum reliability on technical fabrics and sublimation-dyed textiles, where controlling color migration is essential to preserve print quality. Its advanced formulation creates an effective barrier that keeps colors bright and sharp over time. It is suitable for cotton, synthetic, blended, elastic, coated, and sublimation-printed fabrics, consistently ensuring high opacity and elasticity.

Thanks to its special composition, it maintains a soft and lightweight hand feel without compromising garment comfort and wearability. When stored according to the provided instructions, the powder does not form lumps and flows smoothly over the film, ensuring uniform and defect-free application. Its excellent melting point and ability to cure at low temperatures, starting from 110°C, enable fast and efficient production cycles. Outstanding wash resistance and strong, long-lasting adhesion complete the performance of an adhesive designed for high-performance professional DTF applications.

INSTRUCTIONS

1

Sprinkle the powder onto the freshly printed DTF film manually or with an automatic shaker

2

Cure the powder in the oven starting from 110°C/230°F for 60 seconds until completely dry

3

Once dry, the glue should appear glossy, rubbery and orange-peel textured

4

Shake the film to remove any excess powder

TECHNICAL DATA

- Components: 100% TPU
- Granule size: 80-170 µm
- Color: white
- Melting time: starting from 60 seconds
- Elongation capacity before breaking: 600%

APPLICATION

- Heat press temperature: 120-140°C / 248-285°F
- Application time: 8-15 seconds
- Film removal: hot
- Pressure: medium

EXTRA TIP To increase adhesion on difficult materials, re-press at the same temperature for 5 seconds.

WASHING RESISTANCE

- First wash: wait 24 hours
- Max. temperature: 60°C/140°F
- Wash the garment inside out
- Dryer: delicate cycle
- Do not use bleach and/or other chemicals

FABRICS

Suitable for cotton, synthetic, mixed and elastic fabrics, impregnated and sublimation-printed or dyed fabrics.



Compliant with **REACH**
Regulation n°1907/2006/EU

STORAGE

The hot melt powder for DTF film is supplied in airtight 1 kg bags to preserve its chemical characteristics. We recommend using one package at a time, opening and completely using each bag before opening a new one to prevent moisture from affecting the product's performance. TPU powders are particularly sensitive to moisture, so it is advised to keep the product at controlled humidity (between 40% and 60%).

After use, always reseal the powder in its airtight bag. Keep away from direct sources of moisture, heat and direct UV light. Store the powder at a controlled temperature (15-35°C / 60-95°F).

SAFETY NOTICE

The values reported in this document are average values as tested under normal conditions in our lab. We cannot provide a guarantee regarding the information abovementioned in this page. Due to possible variations in the production of garments, B-FLEX recommends testing the material prior to all applications.

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