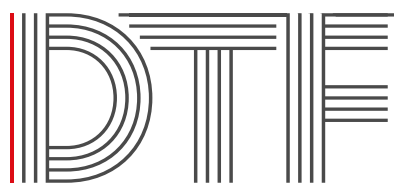




1Kg



HOT MELT POWDER

B-FLEX
HEAT TRANSFER VINYL



DTF HOT MELT POWDER ANTI-MIGRATION FEATURES BLACK FOR DARK FABRICS

B-FLEX **Black Anti-Migration DTF** hot-melt powder is specifically developed for applications on dark fabrics, technical textiles, and sublimation-printed or sublimation-dyed garments, where preventing dye migration is essential to preserve graphic quality. Its special black pigmentation creates an effective barrier, ensuring a uniform, opaque result that integrates perfectly even on the deepest shades.

It delivers excellent elasticity, high coverage, and a soft, pleasant hand, providing high-performance transfers that are comfortable to wear. It is ideal for use on cotton, blends, stretch fabrics, coated textiles, and sublimation-printed synthetic materials.

The powder flows smoothly across the film without clumping, allowing for even and clean distribution. Its low-temperature activation, starting from 110°C, reduces processing time and improves production efficiency. The product also offers excellent wash resistance and strong, long-lasting adhesion, making it the ideal solution for professional DTF applications on dark fabrics.

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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