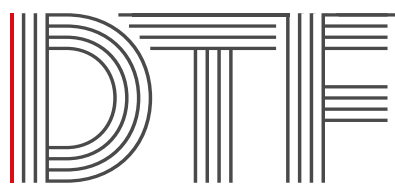




1Kg



HOT MELT POWDER

B-FLEX
HEAT TRANSFER VINYL



DTF HOT MELT POWDER NYLON & COATED FABRICS - HIGH BONDING

B-FLEX Nylon & Coated Fabrics DTF hot-melt powder – High Bonding is engineered to deliver superior adhesion on nylon and treated fabrics, where strong and reliable bonding is essential. Its 100% TPU formulation, combined with controlled particle size, ensures even distribution on the film and uniform melting, even on the most challenging surfaces.

Its high elasticity follows the movement of the fabric without compromising durability, ensuring long-lasting, high-performance transfers. It is ideal for synthetic, blended, stretch, coated, and impregnated materials, making it perfect for technical garments and demanding applications.

It operates at low temperatures with fast and efficient cycles, optimizing productivity without compromising final quality. When properly stored in its sealed packaging, it maintains consistent performance over time. The product also offers excellent wash resistance and high bonding strength, making it a reliable solution for professional DTF applications on nylon and treated 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 80°C/176°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: 100-130°C / 212-266°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

Ideal for synthetic, blended, stretch, coated, and impregnated materials.



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.

BFDTFPOWDER_NYL_1K Rev_2026/04

HEADQUARTERS **B-FLEX ITALIA S.R.L.** info@b-flexitalia.com | www.b-flexitalia.com

NORTH AMERICA BRANCH **B-FLEX AMERICA LLC** info@b-flexamerica.com | www.b-flexamerica.com

ASIA-PACIFIC BRANCH **B-FLEX PACIFIC PTY LTD** info@b-flexpacific.com | www.b-flexpacific.com

follow us

