

STS INKS TPU-P-5 DTF TRANSFER POWDER



TPU-P-5 DTF Transfer Powder is a thermoplastic polyurethane hot melt adhesive used for textile and material bonding. It offers:

- Soft, flexible feel with excellent resilience and stretchability
- Strong adhesion to a variety of materials, including cotton, blends, and PVC.
- **Certified with Oeko-Tex Eco Passport**, ensuring it meets environmental and human safety standards

SPECIFICATIONS

| | |
|------------------|-------------------------------------|
| Appearance: | White powder |
| Composition: | Thermoplastic Polyurethane |
| Density: | 1.18 ± 0.02 g/cm³ |
| Melting Point: | 90–115°C / 194–239°F |
| Melt Flow Index: | 25 ± 8 g/10min |
| Hardness: | 75 ± 3 Shore A |
| Particle Size: | 80–170 µm |

PARAMETERS

Heat Press Settings:

| | |
|------------------------|------------------------------|
| Temperature: | 140–160°C / 284–320°F |
| Pressure: | 0.3–0.5 MPa |
| Time: | 5–15 seconds |
| Washing Resistance at: | 40°C: Excellent |

APPLICATIONS

- Textile and garment bonding (trims, labels, seams, laminations)
- Heat transfer printing (used in inks and coatings)
- Heat transfer paste
- Flocking paste (for soft, velvet-like textures)
- Bronzing paste (for metallic decorative effects)

CARE INSTRUCTIONS

- Wait 24 hours before the first wash.
- Wash inside out with cold water.
- Use mild detergent and avoid bleach.
- Tumble dry low or air dry.
- Do not iron directly on the design.

For further assistance, contact STS Inks customer support.



**ADHESIVE
TPU-5**



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Color is in Our DNA