DTF02 DTF Film Instant Peel

Description:

DTF02 is a double-sided coated PET film for direct-to-film transfer. The film is antistatic and boasts high pixel sharpness and a wide color gamut. It can be peeled off hot, warm, or cold.

Ink, powder and printers:

Suitable for all standard DTF printing systems. Note the influence the ink and powder on the transfer result.

Oppression:

Acclimate the material in the printer room for at least 2 hours before printing and print at room temperature between 20°C and 30°C and a relative humidity between 40% and 70%. The print side should be facing outwards. Ensure a dust-free printing environment and avoid fingerprints on the print surface by wearing cotton gloves.

Injection:

The pressing parameters depend on the fabric to be printed, the ink, the powder, and the heat press. We recommend the following settings as a starting point:

Cotton (warm/cold peeling): 3 bar/Medium pressure, 150 °C for 8–15 seconds, 8 seconds re-pressing
Cotton (hot peeling): 3 bar/Medium pressure, 130 °C for 8–15 seconds, 8 seconds post-pressing
Polyester: 3 bar/Medium pressure, 130 °C for 10–15 seconds
Softshell: 3 bar/Medium pressure, 130 °C for 10–15 seconds

Removing the film while hot may not be possible on difficult surfaces such as coarse fabric - in this case, remove it only when cold.

Wash resistance:

Washing instructions: Turn inside out, wash at 40°C, avoid fabric softener.
Suitable for tumble drying under certain conditions.

Storage:

Store the material immediately after use to prevent contamination. Repack the material in the protective film and store the roll upright in a light-protected and dust-free environment at 50% relative humidity and a room temperature of 20 to 25°C. Shelf life is 12 months.

Technical Data:

Characteristic	Value	method
Carrier material - PET	75µm	EC No. 607-507-1
coating	10 µm	
Gloss level	3 - 8	at 60°
Shrinkage	TD 0.1 – 0.36% MD 0.6 – 1.6%	

Notes:

The data in this product data sheet is based on tests conducted by the manufacturer, which the manufacturer considers reliable and relevant to the market. The data always represents an average, minimum, or maximum value.

The technical data refers to the unprocessed material. Our information does not relieve you of the responsibility to conduct your own tests to verify suitability for your application. The datasheet is based on manufacturer specifications for which Alphaset assumes no liability. Technical changes and typographical errors excepted. Version 01/2026 MR