



## PRODUCT INFO

Texitran Digital DTF is the latest addition to the Tullis Russell Family of premium cold peel two side matt film. It has been designed specifically to be used with all the latest fully automated hybrid inkjet + powder + drying decal production machines.

### Features

- For automated inkjet + powder printers
- Unique ink jet receptive release
- Accepts digital white inks
- Unique peel release system
- Backside anti-block treatment
- Excellent stability and lie flat
- Available in different sizes

### Benefits

- Versatile digital print design options
- Superior colour reproduction
- No screen printing required
- Cold peel with clean release
- Eliminates ink blocking in printed rolls
- Superior image reproduction
- Suitable for different printer models

## SPECIFICATIONS






The cold peel flexibility of Texitran Digital DTF makes it suitable for the manufacture of tag-less care labels, workwear decals, sportswear numbers and badges, t-shirt decals and much more - with the benefit of digitally customising every individual motif.

Substance (gsm)	110 ± 10
Caliper (µm)	75 ± 5
Gum Coat Weight (gsm)	10 ± 1
75° Gloss	20 ± 5 unit
Applied Ink Finish	Matt
Opacity (%)	~ 15 %
Smoothness (µm)	~ 3.0
Shrinkage	≤ 0.5 % (150°C / 30 minutes)
Sheet Width/Length/Square	≤ 0.5 mm
Reverse Side Resistivity	< 10 <sup>7</sup>

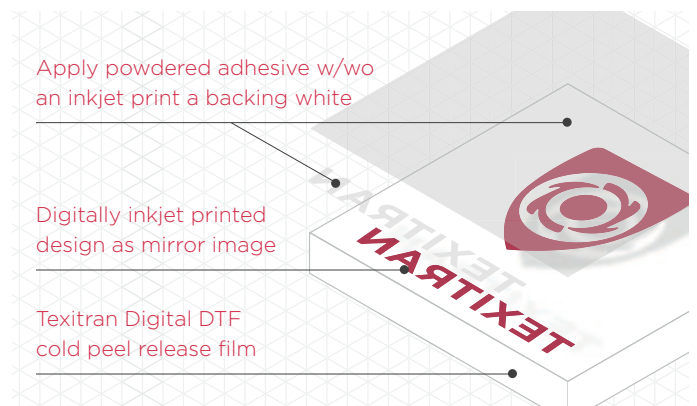
All Texitran product variants are supplied precision sheeted and ream wrapped or can be supplied in rolls.



**TECHNICAL DATA**

	Print image Using hybrid inkjet printer
	Print white backer (optional) Using hybrid inkjet printer
	Powdered adhesive Any PU or PE as recommended
	Ink/powder cure temperature 130°C (226°F) to 150°C (302°F)
	Apply image face down Place paper on garment
	Heat Press for 10 seconds At 180°C (356°F) to 160°C (320°F) at 35 to 35 psi
	Cold peel 60 seconds out of the press

**PRINTING**



Typical hybrid inkjet print + powder + drying production machine



White can be digital inkjet printed before powdering.

**TEXITRAN K1 DTF 75**

Manufactured as either a cold peel or hot peel release textile one side coated PET transfer film designed for the hybrid ink jet printing of the image direct to the film followed by a screen-printed backing white adhesive and or a powdered adhesive.

Manufactured in accordance with the International Quality Standard ISO9001.

<b>Product specification</b>	<b>TEXITRAN K1 DTF 75</b>
Prefix	Not stamped
Substance (gsm)	110 ± 10
Caliper (µm)	75 ± 5
Coat Weight	10 ± 1
75° Gloss	20 ± 4 gloss units
Applied ink Finish	Matt
Opacity (%)	~ 15
Smoothness (µm)	~ 3.0
Shrinkage (md)	≤ 0.5 % (150°C / 30 minutes)
Shrinkage (cd)	≤ 0.5 % (150°C / 30 minutes)
pH	7 ± 0.5 pH units
Formaldehyde	Not present
Toluene	Not present
Sheet Length (mm)	≤ 0.5
Sheet Square (mm)	≤ 0.5
Sheet Width (mm)	≤ 0.5
Sheet Down Grain Shape*	≤ 4 Negative down to ≤ 1% Positive down
<small>when measured at equilibrium RH using a calibrated ambient hygrometer</small>	
Sheet Reel Curl	Negative Across Grain ≤ 4%

Tullis Russell reserves all rights

TEXITRAN K1 DTF 75 is supplied in sizes as requested by the customer.

\*Whilst every effort is made to ensure that the shape of the paper leaves Tullis Russell within this specification, we cannot accept responsibility for a change of shape due to the customers print room conditions.