

TECHNICAL DATA SHEET TEXITRAN RELEASE FILM

TEXITRAN K & J FILM

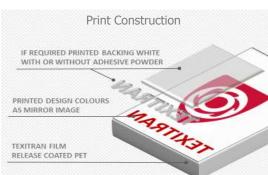
Texitran J and K series films are a specialist range of PET hot and cold peel films available in a range of finishes and calipers for the high-quality decoration of any garment type. From the range film versions can be recommended for screen-printing and offset litho printing.

The versatility of the film products makes them suitable for the manufacture of tag-less care labels, workwear decals, sportswear numbers & badges, t-shirt decals and much more – even photographic quality images are possible.









J Series Films	Suitable for printing by
Texitran J Matt	Screen and offset litho printing
Texitran J Matt HS	Screen printing
K Series Films	Suitable for printing by
Texitran K Matt	Screen and offset litho printing
Texitran K Silk	Screen printing
Texitran K HS	Screen and offset litho printing
Texitran K Gloss	Screen printing

Application conditions for prints with no adhesive 160-190°C (320-375°F) at ~ 40 psi for 10 to 12 secs Smoothly peel the paper when cold out of the heat press Or Smoothly peel the paper hot out of the heat press And for inks with printed or powdered adhesive 120-190°C (248-375°F) at ~ 40 psi for 10 to 12 secs Smoothly peel the paper when cold out of the heat press Or smoothly peel the paper hot whilst on the heat press

Print method	Suitable ink types
Screen	Plastisol, PVC Free, phthalate free, water-based, silicone, with or without printed and powdered adhesives
Offset litho	Inks normally specific to offset textile transfers for wash resistance plus a screen-printed adhesive white

Properties

The supplied films have excellent sheet dimensional stability a flat shape for ease of printing and registration. Coatings are consistent and durable, with excellent antistatic properties and give clean defect free applications. Excellent transparency enabling the print to be quality controlled and easily positioned whilst being transferred.

Specification	K1 &	K2 & J2 film	
150°C 30 minutes	1 side 75	1 side 100	2 side 100
Weight gsm	105 ± 6	140 ± 8	145 ± 8
Caliper microns	80 ± 6	105 ± 8	107 ± 8
Shrinkage md %	≤ 1.0	≤ 0.5	≤ 0.5
Shrinkage cd %	≤ 0.5	≤ 0.5	≤ 0.5

Specification	Matt	Silk	Gloss	HS
Continued	K & J	K	K	K & J
Peel	Cold	Cold	Cold	Hot
Coat weight gsm		3.0 ± 0.5		10.0 ± 1
75° Gloss %	7 ± 3	22 ± 5	150 ± 10	15 ± 5
Opacity %	~15	~13	~12	~15

Miscellaneous information

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

The sheet length, width and square parameters are controlled to ≤ 0.5 mm.

The sheet shape when measured under controlled equilibrium RH conditions is ≤ 4 % Negative down to ≤ 1 % Positive down.

We recommend that all films are pre-conditioned to stabilize the product to the print room conditions before printing.



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