

TEXTITRAN K & J FILM

Textitran 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

Textitran J Matt	Screen and offset litho printing
Textitran J Matt HS	Screen printing

K Series Films Suitable for printing by

Textitran K Matt	Screen and offset litho printing
Textitran K Silk	Screen printing
Textitran K HS	Screen and offset litho printing
Textitran 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 & J1 film		K2 & J2 film	Specification	Matt	Silk	Gloss	HS
150°C 30 minutes	1 side 75	1 side 100	2 side 100	Continued	K & J	K	K	K & J
Weight gsm	105 ± 6	140 ± 8	145 ± 8	Peel	Cold	Cold	Cold	Hot
Caliper microns	80 ± 6	105 ± 8	107 ± 8	Coat weight gsm	5.0 ± 1	3.0 ± 0.5	1.0 ± 0.5	10.0 ± 1
Shrinkage md %	≤ 1.0	≤ 0.5	≤ 0.5	75° Gloss %	7 ± 3	22 ± 5	150 ± 10	15 ± 5
Shrinkage cd %	≤ 0.5	≤ 0.5	≤ 0.5	Opacity %	~15	~13	~12	~15

Miscellaneous information

All Textitran 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.