

FLEX Gel 3D

Technical Data Sheet

FLEX GEL 3D

Add height to your designs with our Gel 3D effect vinyl. Despite it's thickness, this easy to use and apply Gel vinyl adds texture resulting in a badge like transfer. A great alternative to single colour embroidery, add the Gel vinyl to the front of a cap, bag, garment etc. to add another level to your transfer.

Composition	PU
Thickness	750±50 Microns
Carrier	Polyester
Finish	Matte
Fabrics	Cotton, Polyester Blends, Cotton/Lycra Blends

CUTTER SPECIFICATIONS

Blade	Mimaki: SPB-0005 (Thick Substrates)	Roland: ZEC-U3050 (Thick Substrates)
Blade Pressure	Mimaki: 100g	Roland: 120/150g
	1mm blade protusion. Start testing at recommended pressure, increase as required. Recommendations for new blade. Age/condition may vary results.	
Minimum Cut Size	15mm Text	

Application Instructions

1 CUT

EQUIPMENT/MATERIALS: Cutter

- If using a printer/cutter, ensure heaters are switched OFF.
- Feed vinyl into the cutter with the glue side facing upwards.
- Perform test cuts to ensure proper blade depth when cutting to avoid cutting through the backing or blunting the blade.
- Cut the design in 'mirror/reverse' on the glue side.
- Do not cut through the backing, the backing carrier should only be lightly scored when cutting.

2 WEED

EQUIPMENT/MATERIALS: Weeding tool

- Weed away excess vinyl, i.e. anything that is not going to be applied to the garment.
- Only the desired vinyl should be left on backing sheet, ready for application.

3 PRESS

EQUIPMENT/MATERIALS: Heat press

- When pressing onto natural fabrics, pre press garment for 2-3 seconds.
- Place transfer on garment in desired position and heat press for 5 seconds.
- Turn garment inside out and press for a further 20 seconds, ensuring the glue has a chance to melt and adhere to the garment properly.
- Once pressed, peel away clear carrier from the transfer.

APPLICATION NOTE:

Guidelines are provided as a recommendation only. They will vary depending on the machine, fabric and environmental conditions.

TECHNICAL INFORMATION



Pu



750±50
microns



Matte

CUT



60° / For
Thick Substrates



15mm

APPLICATION



150°C



5sec front
+20sec inside out



Medium



Semi-Hot
Peel

AVAILABILITY



0.5 x 1m
0.5 x 25m

WASHING - 24HRS AFTER APPLICATION



40°C



Do Not
Dry Clean



Do Not
Tumble Dry

APP TAPE

NOT REQUIRED



PRESSING CAPS

Trucker caps will only need 15-18 seconds on the front panel. For regular caps, press time may differ. Increase press to 2 x 20 second presses on front panel. Testing required and results may vary.

