

CUT PU Special

Technical Data Sheet



Description

CUT PU Special is our speciality range for one of our most popular and reliable products, CUT PU. These are all your fancy colours and textures to give any job that extra something special.

Product Specifications

Type	Finish	Material	Material Thickness	Support (Backing)	Support Thickness
Cut	Glitter, Neon, Metallic, Gloss	PU	100µ	Polyester	100µ

Product Availability

CUT PU Special is available for purchase in 0.5m x 25m rolls and is also sold by the metre.

Colour	Closest Pantone Number	Colour	Closest Pantone Number
NEON BLUE F280	801	GLITTER BLACK G199	
NEON GREEN F540	802	GLITTER BLUE G230	
NEON YELLOW F450	803	GLITTER GOLD GM41	
NEON ORANGE F370	804	GLITTER ORANGE GF 370	
NEON PINK F390	806	GLITTER PURPLE G290	
METALLIC GOLD M410	871	GLITTER PINK G390	
METALLIC SILVER M150	877	GLITTER RED G350	
METALLIC BRONZO M650	8021	GLITTER SILVER GM15	
METALLIC GRAPHITE M600	8003	GLOSS BLACK G199	
METALLIC RAME M700	876	GLOSS RED GY350	
METALLIC COPPER GOLD M660	874	GLOSS WHITE G100	
GLITTER WHITE G100			

Application Guidelines

Please see Application Instructions overleaf.

Application Tape	Time	Temperature	Pressure	Peel	Fabrics
N/A	10-12s	140 - 145 °C	Moderate	Hot	Cotton, Polyester, Cotton Polyester blends

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

Cutter Guidelines

Our vinyl is compatible with all widely-used cutters. The below example settings are based on a Summa D60r.

Cutter	Speed	Blade	Pressure	Offset	Minimum cut size	Print Heater
Summa D60r	35cm/s	Standard 45°	80-100g	0.42-0.47mm	0.7cm	Off

* Cutter Guidelines are provided as an example only. Settings will vary per machine and environmental conditions.

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Application Instructions



Cutting

EQUIPMENT/MATERIALS: Cutter

- If using a printer/cutter, ensure to set heaters to OFF.
- Feed vinyl into the cutter with the glue side facing upwards.
- Cut the design in 'mirror' on the glue side. This means there is no need for application tape.
- Perform test cuts to ensure proper blade depth when cutting.
- Do not cut through the backing. Also cutting too deep will result in weeding difficulties.
- The backing should only be lightly scored when cutting.
- Please refer to example settings in the cutting guidelines overleaf.

Weeding

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.

Heat Pressing

EQUIPMENT/MATERIALS: Heat press

- Place transfer on garment in desired position, and heat press according to application guidelines.
- Once pressed, peel away application tape from the transfer (as per application guidelines).
- For best results and increased washability: After removing the backing, cover transfer with silicon/teflon paper and perform a second press for 5 seconds.

Layering

EQUIPMENT/MATERIALS: Heat press

- Position the first transfer and apply 140°C for 5 seconds and remove the support.
- Position the second transfer above the first and apply as per application guidelines.
- CUT PU Special - glitter, neon and gloss can not be overlapped (underneath).

Washing

- Please note strong washing powder and detergents (i.e. detergents with strong additives) are harsh and can strip colour from the garment. We recommend modest washing powders and detergents to maintain brightness and longevity of the heat transfers.
- Washing in cold water with garments turned inside out is recommended. Transfers can be washed up to max. 40°C (this is also subject to the care instructions of the garment).
- Transfers cannot be directly ironed. If ironing over transfers, place a piece of fabric over the transfer prior to ironing.
- Do not bleach or tumble dry.

For more information on any of our products or equipment, please visit the Velflex website or give us a call.