

# CUT PU

## Technical Data Sheet



### Description

CUT PU has the largest range of colours available with more than 40 standard colours and another 18 colours in the CUT PU Special range. Great for fine detail, small lettering and simple to weed. The easiest to use and most versatile cut vinyl on the market.

### Product Specifications

Type	Finish	Material	Material Thickness	Support (Backing)	Support Thickness
Cut	Matte	PU	90µ	Polyester	100µ

### Product Availability

CUT PU 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	Colour	Closest Pantone Number	Colour	Closest Pantone Number
APPLE GREEN S520	375	CARDINAL RED S340	220	LILAC S285	660	ROYAL BLUE S230	2945
AQUA GREEN S255	321	CHOCOCCO BROWN S315	7596 C	LIME S440	809	SALMON S375	171 C
AUBERGINE S300	2695	FLAME RED S360	185	MAGENTA S380	673	SAPPHIRE S260	307
BEIGE S490	7506	FOREST GREEN S560	350	MEDIUM YELLOW S430	7408	SKY BLUE S280	292
BLACK S199	BLACK6	GOLDEN YELLOW S410	810	MILITARY GREEN S580	5605	TURQUOISE S250	323
BLUE 48 S240	3015	GREEN 48 S530	360	NAVY BLUE S205	296	VIOLETTA 16 S305	260
BLUE 55 S210	286	GREEN S540	341	ORANGE S370	172	VIOLETTA 17 S400	256
BLUE LAYETTE S270	2995	GREY S105	GREY 9	PINK S390	189	WHITE S100	WHITE
BORDEAUX S330	229	ICE GREY S106	COOL GREY 3 C	PURPLE S290	269		
BROWN S310	4975	LEATHER BROWN S320	470	RED S350	186		
CAMEL S335	463	LEMON YELLOW S450	107	ROSA 14 S395	214		

### 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°	50/90gr	0.42-0.47mm	0.5cm	Off

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

# CUT PU

## 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.