

CUT Subblock

Technical Data Sheet



Description

CUT Subblock is our range of cut vinyl for producing single colour designs on sublimated or heavily dyed polyesters. CUT Subblock has an anti-dye migration crystalline layer that prevents the garment dye from discolouring the transfer during heat application. This product is ideally suited for sports numbering and lettering, promotional slogans, sponsors branding, or basic fashion designs on sublimated or heavily dyed polyesters.

Product Specifications

Type	Finish	Material	Material Thickness	Support (Backing)	Support Thickness
Cut	Matte	PU	140µ	Polyester	100µ

Product Availability

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

Colour	Item Code	Length	Width	Area
Golden Yellow	VCCVSBFC-050-GY	25m	0.50m	12.5
Red	VCCVSBFC-050-R	25m	0.50m	12.5
White	VCCVSBFC-050-W	25m	0.50m	12.5

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, Sublimated Polyester

* 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 vinyl cutters. These are example settings based on a Summa D60r.

Cutter	Speed	Blade	Pressure	Offset	Minimum cut size	Print Heater
Summa D60r	35cm/s	Standard 45°	100-120g	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.

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.