

UV SENSITIVE FILM

● Product Code: DUV

■ PRODUCT INFORMATION



UV Sensitive Film, that changes colors when you move outside.

- Soft UV Activated PU film.
- A clear, light adhesive backing enables fine cutting design.
- Watch your design changes color whether under cloud or bright sun.
- Perfect for fashion and leisure wear.
- Easy to cut and weed.
- Superb wash durability.
- Do not expose to long periods of UV light, as this may damage the color changing properties of the film.

■ MATERIAL SPECIFICATION

- * Composition: PU
- * Adhesive carrier
- * Thickness: 240 ± 50µm
- * Standard roll size: 500mm x 50M

■ CUTTING & TRANSFER CONDITIONS Plotter Machine: GCC Jaguar IV / Mimaki CJV150 75

Cut Direction	Cutting Force	Speed	Blade
Reverse	100gfs	15cm/s	45°
Temperature	Time	Press Pressure	Peel
150°C / 302°F	10~15seconds	Medium	Warm

NB: The plotter machine settings should be adjusted based on the age and brand of the machine.

■ HOW TO USE

1. Cut your design in reverse on a plotter machine.
2. Weed out excess film.
3. Set a heat press to 150°C.
4. Apply medium and even pressure across your transfer.
5. Press for 10~15 seconds.
6. Peel the release liner when it is Warm.

NB: We highly recommend performing a test before proceeding with standard production.

■ WASHING CONDITIONS Washing Machine: LG Drum / Detergent: Persil Liquid

Washing	Water Temp.	Tumble Dry	Iron	Bleach
Standard	40°C	Available on low setting	Inside Out	Not Allowed

NB: It is recommended to wait at least 24hours after the heat pressing before a first washing.

■ STORAGE CONDITIONS

- * Temperature: Less than 25°C (±3°C)
- * Relative Humidity: 40% (±20%)
- * Keep out of direct sunlight.
- * Shelf life: 1 year from manufacturing date

■ SUITABLE FOR

- * 100% Cotton or 100% Polyester
- * Mixtures of polyester/cotton
- * Acrylic and similar fabrics
- * Not suitable for Nylon or Coated Fabrics