

CHAMELEON SERIES

● Product Code: DCM / DCP / DCE / DCL

PRODUCT INFORMATION



Chameleon Series is color changing film with aurora effect.

- High reflection and aurora effect.
- Pearl, Embo, Luminous types available.
- Superb for fashion, party and leisure wear.
- Best suited to white / light color garments.
- More vibrant spectrum finish.
- Excellent durability.
- Easy cut and weed.

[Reports or Certifications: EN71](#)

MATERIAL SPECIFICATION

- * Composition: Polyester
- * Adhesive carrier
- * Thickness: Chameleon Film, Embo $100 \pm 10\mu\text{m}$ / Pearl, Luminous $160 \pm 10\mu\text{m}$
- * Standard roll size: Chameleon Film 490mm x 50M / Pearl, Embo, Luminous 500mm x 25M

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

Cut Direction	Cutting Force	Speed	Blade
Reverse	110gfs	15cm/s	45°
Temperature	Time	Press Pressure	Peel
150°C / 302°F	10~15 seconds	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	Avoid	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 ($\pm 3^\circ\text{C}$)
- * Relative Humidity: 40% ($\pm 20\%$)
- * 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