

REFLEX 495™



THE ULTRA-REFLECTIVE AND FLAME-RETARDANT HEAT TRANSFER FILM ENSURING HIGH VISIBILITY, FIREPROOF AND OPTIMISED SECURITY

Looking for a reflective product specifically designed to secure visibility in dark environments? Reflex 495 is a reflective and flame-retardant PU benefiting from the EN ISO 20471, EN 15614, EN 14116, EN 11612 and EN469 certifications which make it totally adapted to professional garments.

Workwear garments



Sportswear



Product description

- ✓ Ensure a safe visibility of the user within dark environment under headlights presence.
- ✓ Developed in accordance with the EN ISO 20471:2013 guaranteeing safe visibility of the garments' users.
- ✓ Also benefiting from EN 15614, EN 14116, EN 11612 and EN469 certifications which make it a fireproof flex.
- ✓ High visibility in dark environment situations where light-reflecting clothing is essential for safety.
- ✓ Highly resistant.
- ✓ Long durability.



Grey 495

Application key points

- ✓ Easy to cut.
- ✓ Very easy to weed → saves production time.
- ✓ Recommended for small and medium designs such as lettering, numbers and geometrical forms.
- ✓ Very strong adhesive backing that allows easy repositioning of the design after weeding.

Usage benefits

- ✓ Recommended for applications in workwear and in applications which require more than 100 lumen luminescence and fireproof environments.

SPECIFICATIONS

Composition	Average Thickness	Carrier	Dimensions	Certifications
Reflective PU	200 µm	Adhesive & Transparent Polyester	50 cm x 10 m	Certified: EN ISO 20471 EN 15614 EN 14116 EN 11612 and EN469

APPLICATION INSTRUCTIONS

Applies on	Cutting	Application Temp. & Duration
Cotton Polyester Acrylic Cotton/Polyester blends without repellent treatment	Use a Flex Blade 45°	First press: 160°C - 3 sec 320°F – 3 sec Second press: 160°C -15 sec 320°F – 15 sec
Pressure	Peeling	
Medium	Hot	

Step 1 – Cutting

Set up the cutting of your heat transfer film in mirror mode and use a standard flex blade of 45°

Step 2 – Weeding

Remove the excess of material (easy weeding).

Step 3 – Application

Position your design on the textile and press it with a Sefa DUPLEX/ROTEX or equivalent at 160°C/320°F for 3 seconds.

We do recommend the use of a silicone paper to protect the designs and the textile during the application.

Step 4 – Peeling

Peel the material when is cold.

Step 5- Second pressing

Press the textile again at not less or more than 160°C /320°C for 15 seconds

NOTE: We highly recommend you to perform tests before launching a production.

CARE AND MAINTENANCE RECOMMENDATIONS

Washing	Ironing	Tumble-dry	Dry cleaning
Up to 40°C/104°F	On reverse side only	Yes	Yes
Storage life	Storage Temperature & Lightning		Position
Up to 1 year	Dry room with 15°C-30°C/ 59°F-86°F	Away from sunlight	Vertical Position

Care and maintenance:

- ✓ Always respect the garments' instructions.
- ✓ Wait 24 hours after the application before the first wash.
- ✓ Avoid the use of aggressive products.

Washing recommendations:

- ✓ Respect the textile recommendations.
- ✓ Preferably inside out to extend the design's life.
- ✓ Do not bleach.