THERMOREFLEX PLUS®

Average thickness
155 microns

Suggested cutting settings
Blade: 60°
Pressure: 100 gf
Speed: 15 cm/sec

Transfer settings
3 seconds at 150°C (300°F)
medium pressure
(3-4 bar)
Fixing
10 seconds at 150°C (300°F)
medium pressure
(3-4 bar)

Description

Plotter cut reflective heat seal material with polyester backing, with the following colorimetric data:
Trichromatics coordinates: x = 0,3077 y = 0,3263
Luminescence: Y = 23,6
Reflection information are detailed in the enclosed chart (next page).
The material fulfils broadly all requirements set by EN ISO 20471 regulations.

Suitable for cotton, polyester, blends of these materials, not treated or dye sublimated fabrics.

Usage

- Mirror cut the material
- Weed the exceeding material
- Place the material on the garment with its polyester backing
- Heat apply for 3”
- Remove the carrier cold
- Cover with silicon paper or Teflon®
- Heat apply another 10”

Washing

Wait at least **24 hours** from application before washing.
Washing resistance for 50 cycles at **60°C**, best inside-out.
Do not use bleach or other aggressive chemical agents.
Suitable for dry cleaning with perchloroetylene for 30 cycles.
Suitable for tumble dryer, cotton cycle.

The product is REACH compliant
The product is Öko-Tex® Standard 100 Class I ceretified
The product is VEGANOK certified

N.B. All information here contained are based on our experience.
We recommend to perform a test before starting standard production.
For best results we suggest to store the product away from sunlight and dust, in vertical position and at temperatures between 18°C and 26°C

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reg. imp. vi n° 14971
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p.iva 01591490246

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REFLECTION

(Cd/lux-m²)

	Illumination angle			
Divergence Angle	**5°**	**20°**	**30°**	**40°**
12'	519-525	542-551	374-442	146-179
20'	330-360	338-366	300-316	139-171
1°	29-44	28-37	22-25	26-39
1°30'	13-18	10-11	13-21	8-9

The values reported are measured on the material before heat application.
They can change depending on the textile of application or on different application conditions.

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