



Product Information

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THERMOREFLEX 2000

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.


100 washing cycles at 60°C (ISO 6330 ECE type A detergent without optic bleachers)
30 washing cycles at 75°C (ISO 15797 Procedure 8 – tumble dryer)
30 washing cycles at 92°C (ISO 6330 ECE type A detergent without optic bleachers)


Suitable for dry cleaning:
60 dry cleaning cycles with Perchloroethylene (ISO 3175 method 9.1)


Suitable for tumble dry, cotton cycle.

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



 **Average thickness**
180 microns

 **Suggested cutting settings**
Blade: 60°
Pressure: 120 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)

Washing temperature
  

Dry cleaning



Tumble dryer



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.



Management System
ISO 9001:2015
ISO 14001:2015



www.tuv.com
ID 9105027958

The product meets the Italian and EU regulations relating to its proper use, and to the (EU) regulation n. 1907/2006/EU REACH (Registration, Evaluation, Authorization and Restriction of Chemical substance).

This document can be subject to variations. Updated versions are available on our website www.siser.com.

For further information, please contact our Sales Office.



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REFLECTION

(Cd/lux-m²)

Divergence Angle	Illumination angle			
	5°	20°	30°	40°
12'	535-560	542-551	374-403	176-208
20'	330-360	338-366	300-316	159-201
1°	29-38	28-32	22-29	26-39
1°30'	13-18	10-15	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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