

# THERMOREFLEX 2000

## Description

Heat seal reflective material for Cad-Cut® applications.

**Polyester** backing.

Refraction information are detailed in the enclosed table.

**Chromaticity co-ordinates:**  $x = 0,3077$   $y = 0,3263$  **Luminance :**  $Y = 23,06$

If properly transferred onto the most common textiles, the product performs EN 471 (Class 2) Regulation requirements.

## Basic Information

Due to the many different base materials available on the market, the following heat transfer instructions are given as guideline only:

**Temperature:** 150°C

**Time:** 15''

**Pressure:** min.

## Application Instructions

- 1) Cut the material **in reverse**
- 2) Weed the exceeding material
- 3) Place the material on the garment with its polyester support
- 4) Heat apply
- 5) Remove polyester backing once **cold**

## Suitable for

Cotton, polyester, poly-cotton blends.

**Washing:** (wait 24h after the heat transfer)

-60 dry-cleaning cycles in Perchlore-ethylene (ISO 3175)

-60 washing cycles at 60°C (ISO 6330/2A)

-30 washing cycles at 90°C (ISO 6330/1A)

Dry-cleaning : yes

*N.B. : all information given in this sheet are based on our experience*

**We recommend to always perform a test before starting standard production**

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## REFRACTION

Angle of divergence	Angle of illumination			
	5°	20°	30°	40°
12'	504 Cd/Lux mq.	470 Cd/Lux mq.	370 Cd/Lux mq.	160 Cd/Lux mq.
20'	348 Cd/Lux mq.	346 Cd/Lux mq.	295 Cd/Lux mq.	150 Cd/Lux mq.
1°	30 Cd/Lux mq.	28 Cd/Lux mq.	24 Cd/Lux mq.	35 Cd/Lux mq.
1°30'	15 Cd/Lux mq.	14 Cd/Lux mq.	13 Cd/Lux mq.	7 Cd/Lux mq.

**The given values refer to the non-transferred product: should transferring not be carried out properly, changes might occur. Variations might depend also on the type of support where the material is transferred onto.**

Il prodotto è conforme alla legislazione vigente in Italia e nella UE in relazione alla sua destinazione d'uso.  
 Il presente documento può essere soggetto a modifiche. Le versioni aggiornate sono disponibili sul sito [www.siser.it](http://www.siser.it).  
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