



Product Information

Mod.R&S 06 | Rev.4 | Update 11/2019 | Page 1



THERMOREFLEX SPECIAL

Description Plotter cut reflective heat seal material with adhesive 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 and poly/cotton blends, 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 following the instructions
 - Remove the carrier warm


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

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



 **Average thickness**
155 microns

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

 **Transfer settings**
15 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.



Siser s.r.l.
Viale della Tecnica, 18
36100 Vicenza - Italy

Tel. +39 0444.287960
Fax +39 0444.287959
info@siser.it - www.siser.com

r.e.a. vi 171856
reg. imp. vi n° 14971
c.s. € 103.300 i.v.
p.iva 01591490246



THERMOREFLEX SPECIAL

REFLECTION

(Cd/lux-m²)

Divergence Angle	Illumination 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.*

