



## Product Information

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# THERMOREFLEX PLUS®

**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
  - Race 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"



**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)

**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 perchloroethylene 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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