THE TRUE TEMPTATION

TroTemptation
THERMAL

- ✔ super-soft surface
- ✔ ultra-matt surface
- ✔ high scratch resistance
- ✔ high sweat resistance
- ✔ good tear resistance
- ✔ hot foil stampable*
- ✔ overcoatable*
- ✔ glueable*

*see reverse page

TroFILMS Germany

www.trofilms.de

TroTemptation THERMAL

SPECIFICATION

The TroTEMPTATION THERMAL is a polyurethane coated, biaxially oriented polypropylene foil; the backside is coated with EVA hot melt.
The EVA needs some time for optimal curing. The time for curing depends on the used base material and should be tested before further processing.
The thickness of the film is 28 µm (± 2 µm); the foil can be used for materials of various kinds. The optimum processing temperature of the laminating roll is between 100 °C and 115 °C.

PROPERTIES OF THE FILM

1. super-soft surface
2. ultra-matt surface
3. modified scratch- and scrub resistance
4. good tear resistance
5. improved sweat resistance
6. suitable for hot stamping (test required)
7. suitable for spot coatings with radical UV-curing systems (test required)
8. glueable (test required / tests were made on a folder gluing machine with different water-based glues; good results were achieved).

QUALITY

Each master roll is tested and logged for gloss, surface energy, bonding and coating homogeneity before, during and after the coating process.
The reels have maximum winding and cutting quality.
At the beginning of each production process (change of varnish or film batch), a few meters get laminated and will be reviewed by our quality department.
Slight differences in the color of ready-made rolls can occur throughout the production process, are normal and are only visible on the roll. They have no negative impact on the finished end product.

SIZE AND PACKAGING

The films are available in widths from 160 mm to 1,270 mm. Each roll is wound on a 3" (76.2 mm) core and has at least 2,000 running meters on it. For each splice, we deliver 50 extra service meters. The coating is on the outside of the roll; EVA is on the inside.

TYPE	TroTEMPTATION THERMAL
THICKNESS*	28 µm ± 2 µm
WEIGHT*	≈23.5 g/m²
YIELD	≈42.55 m²/kg
FREE SURFACE ENERGY	min. 40.0 mN/m **
GLOSS 85°	17 ± 3 ***

* Values are subject to change.
** Cannot be measured exactly due to uneven structure.
*** Please notice that the gloss measurement of very matt surfaces is with the geometry of 85°.
If using the geometry of 60°, the gloss value will be under one and not in the metering range anymore.

Design: Alexander Dort GmbH

TroFilms TroTEMPTATION THERMAL EN 08-2026

TroFilms GmbH
Technikstraße 7
91166 Georgensgmünd
GERMANY

Phone: +49 - 9172 - 574 28-0
Fax: +49 - 9172 - 574 28-29
E-Mail: info@trofilms.de
Web: www.trofilms.de

District Court Nuremberg HRB 28416
VAT-ID-No: DE 282 845 761