THE ROUGH TOUCH

Tro ROUGH
THERMAL

NEW!

- ✔ sand structure
- ✔ scratch-proof
- ✔ good tear resistance
- ✔ odorless
- ✔ hot foil stampable*
- ✔ overcoatable*
- ✔ glueable*

*see reverse page

Tro FILMS Germany

www.trofilms.de

Black 80% 40% 5% Red Green Blue White Cyan Magenta Yellow Black 80% 40% 5% 80% 40% 5% 80% 40% 5%

TroROUGH THERMAL

SPECIFICATION

The TroROUGH THERMAL is an acrylic coated, sand structured, biaxially oriented polypropylene foil; the backside is coated with EVA Hotmelt. 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 60 µm (± 5 µm); the foil can be used for materials of various kinds. The optimum processing temperature of the lami-nating roll is between 100 °C and 115 °C.

PROPERTIES OF THE FILM

1. scratch-proof
2. good tear resistance
3. odorless
4. gluability, printability and hot stamping applications possible in principle, but the structure may make conditions more difficult and pre- tests are required. Overcoating is possible in screen printing and digital printing. A minimum of 12 g/m² coating is needed to cover the uneven surface.

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 1,440 mm. Each roll is wound on a 3” (76.2 mm) core. For each splice, we deliver 50 extra service meters. The coating is on the outside of the roll.

TYPE	TroROUGH THERMAL
THICKNESS**	60 µm ± 5 µm
WEIGHT*	≈30,39 g/m²
YIELD*	≈32,90 m²/kg
FREE SURFACE ENERGY	min. 40.0 mN/m **
GLOSS 60° *	≈5.0 ***

* Values are subject to change.
** Cannot be measured exactly due to uneven structure.
*** The gloss points are for orientation only due to the uneven structure.

Design: Alexander Dort GmbH

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