



Tro ROUGH

DIGITAL

THE ROUGH TOUCH

NEW!

- ✓ sand structure
- ✓ scratch-proof
- ✓ good tear resistance
- ✓ odorless
- ✓ hot foil stampable*
- ✓ overcoatable*
- ✓ glueable*
- ✓ optimized for digital printing

*see reverse page



www.trofilms.de

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

SPECIFICATION

The TroROUGH DIGITAL is an acrylic coated, sand structured, biaxially oriented polypropylene foil; the back-side 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 50 µm (± 10 %); 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. 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.
5. optimized for digital printing

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 the standard widths 315 mm, 325 mm, 350 mm, 445 mm, 450 mm and 495 mm. Special widths can only be produced after consultation. Each roll is wound on a 3" (76.2 mm) core and has at least 1,500 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	TroROUGH DIGITAL
THICKNESS*	50 µm ± 10 %
WEIGHT*	≈ 29.53 g/m ²
YIELD*	≈ 33.86 m ² /kg
FREE SURFACE ENERGY	min. 40.0 mN/m **
GLOSS 60° *	≈ 8.0 ***

* 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.