



# Rough Touch

(sand effect)

## PRINT LAMINATION FILM

*Available in Thermal, Wet and Digital*

ROUGH TOUCH is an acrylic coated, sand structured, biaxially oriented polypropylene film; the backside is coated with EVA hotmelt. The EVA needs some time for optimal curing. The time for curing depends on the base material used and should be tested before further processing.

The film can be used for materials of various kinds. The optimum processing temperature of the laminating roll is between 100 °C and 115 °C.

### FEATURES:

- Scuff resistant
- Good tear resistance
- Odourless
- Gluability, printability and hot foil 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/m<sup>2</sup> coating is needed to cover the uneven surface.)

### THERMAL:

FILM TYPE:	Thermal
THICKNESS:	50 µm ±10%
YIELD:	36.10 m <sup>2</sup> /kg
SURFACE TENSION:	40 dyne/cm
RUNNING TEMPERATURE:	100 to 115 °C

### WET:

FILM TYPE:	Wet
THICKNESS:	45 µm ±10%
YIELD:	54.64 m <sup>2</sup> /kg
SURFACE ENERGY:	min. 40 mN/m**
GLOSS 85 °C:	4.0***

### DIGITAL:

FILM TYPE:	Digital
THICKNESS:	50 µm ±10%
YIELD:	33.86 m <sup>2</sup> /kg
SURFACE TENSION:	40 dyne/cm
RUNNING TEMPERATURE:	100 to 115 °C

\* 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.