

# Product Information

TTR-label Series S M A R T L I N E white



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**Material No.: 51110xxx**

## General Description:

The label is made of gloss, white polyethylen film with a TTR-printable topcoat and provided with high quality, pressure sensitive permanent adhesive. The label material is suitable for product labels where resistance to water, oil and chemicals is important. The material is equipped with a clear, permanently adhesive.

## Physical Properties:

Label foil material	80 µm Polyethylen, white gloss
Adhesive	20 µm modified acrylic permanent
Liner	50 µm one-side coated paper

## Special properties:

- Good printability for thermal transfer printing
- Good dimensional stability
- Contains no plasticizers
- High UV stability
- High strength even at low temperatures and printability, thermal transfer printing
- High resistance to moisture and chemical load

## Features:

Temperature resistance	- 20° C up to + 100° C
Application temperature	+ 5° C
Good resistance to motor oil and fuel	
Resistance to many cleaning products	
Adhesive / adhesion from:	according FTM 1 (after 72h)
Stainless steel	
Glass	10.0 N/25mm
PBT	
Polypropylene	

## Printing:

The special surface finish is very well suited for TTR postmarking. The resilience of TTR-print image depends on the used ribbon. We recommend toptack TTR tape, type HA2 or HA3 (different material widths available).

## Special note:

The surface to be bonded must be dry, clean and at least + 5 ° C when label is glued on.

## Storage conditions:

The shelf life is up to 24 months, at +21 ° C ambient temperature and 50% humidity. We also refer to the relevant guidelines for the storage of pressure sensitive self-adhesive materials of FINAT and its recommendations (available on request). Avoid damp, heat or freezing conditions.

## Further information:

Life in outdoor use depends of the substrate, but label material is outdoor resistant for at least 2 years.

The film meets REACH and RoHS requirements (2002/95/EC) - IMDS data available, UL approval available (available on request)

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