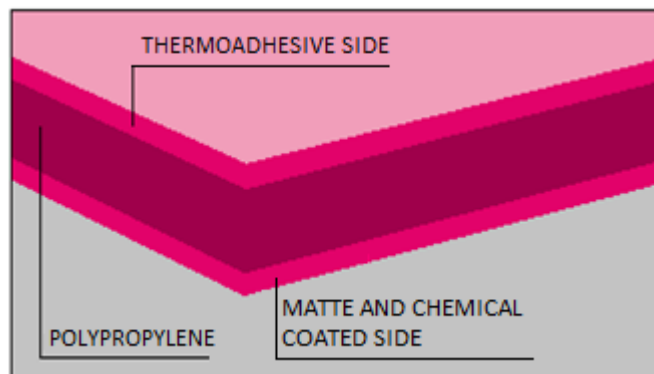


## TECHNICAL DATA SHEET

## TK SCUFF FREE MATT

**TK SCUFF FREE MATT** is a bioriented polypropylene film with one matte side which is chemical coated and scratch resistant. The other side is coated with adhesive which is specifically designed for thermal lamination of printed or unprinted paper and cardboard.

*This film complies with EN-71 (declaration on request). This film is not suitable to come into direct contact with food.*



### TYPICAL TECHNICAL FEATURES <sup>(1)</sup>

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE code 580/22
Thickness		Internal	µm	29
Grammage		Internal	g/m <sup>2</sup>	23
Surface tension	coated side	Internal	dyne/cm	42

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE code 580/22
Tensile strength at break	MD	DIN EN	MPa	70,3
	TD	ISO527		112,2
Elongation at break	MD	DIN EN	%	190
	TD	ISO527		48

THERMAL PROPERTIES		METHOD	UNIT	VALUE code 580/22
Thermal shrinkage	MD	DIN 53 377	%	1,2
	TD			0,0
Lamination temperature	adhesive side	Internal	°C	100 - 110 <sup>(†)</sup>

<sup>(†)</sup> variable according to the processing conditions

OPTICAL PROPERTIES		METHOD	UNIT	VALUE code 580/22
Gloss	60°	Internal	GU	5,2 ± 0,5

**<sup>(1)</sup> The information and data contained herein are to be used only as a guideline; therefore, ULTRALEN FILM GmbH doesn't offer any guarantee on their absolute truthfulness and doesn't accept any liability arising out of their use.**

#### ULTRALEN FILM GmbH

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Trasparency	ASTM D1003	%	91,7
Haze	ASTM D1003	%	89,2

#### *STORAGE*

Store the material in a dry location (preferably with RH < 50%) at a constant temperature between 10°C and 30°C. Do not leave it exposed to direct sunlight or atmospheric agents. Partially used reels have to be repacked as originally supplied.

#### *WARRANTY*

Material processability is guaranteed up to 6 months since shipment date, as long as it is stored correctly. It is recommended to condition the material at room temperature at least 24 hours before its use.

#### *DISCLAIMERS*

ULTRALEN FILM GmbH gives no warranty, expressed or implied, as to the suitability of the material for a specific application or characteristic use. An industrial homologation test of the material in actual conditions of purpose is always needed in order to verify its suitability for the specific application or characteristic use. Before using the material, it is advisable to check the compatibility of the inks and adhesives to be purposed with the type and level of its treatment.

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