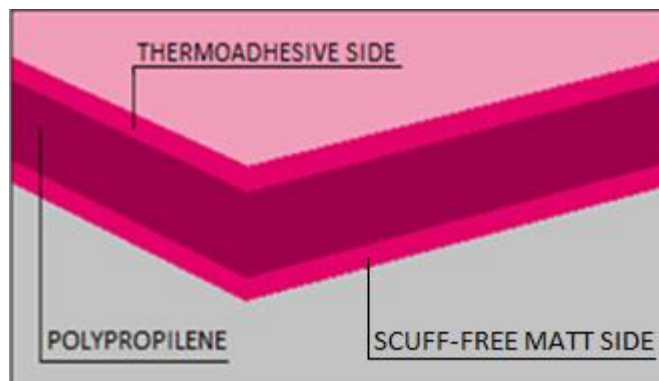


TECHNICAL DATA SHEET

TK DIGI SCUFF FREE MATT

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



TYPICAL TECHNICAL FEATURES ⁽¹⁾

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE code 783/03
Thickness		GB/T6672	μm	35
Grammage		Internal	g/m ²	30,21
COF	outside/outside	ASTM D1894	-	≤ 0,4
Surface tension	outside	GB/T14216	dyne/cm	≥ 38
Anti-scuff		Internal	no scratches left after friction, with 0000# steel wool, 50 times under 200g load	

THERMAL PROPERTIES		METHOD	UNIT	VALUE code 783/03
Heat shrinkage (120°C/30s)	MD	Internal	%	≤ 2,0
	TD			≤ 1,0
Lamination temperature		Internal	°C	95 - 120 ⁽⁺⁾
Lamination pressure			Mpa	8 - 18 ⁽⁺⁾
Lamination speed			m/min	≤ 20 ⁽⁺⁾

⁽⁺⁾ variable according to the processing conditions

OPTICAL PROPERTIES		METHOD	UNIT	VALUE code 783/03
Gloss	60°	Internal	GU	4 ± 0,5 ⁽⁺⁾
Haze		ASTM D1003	%	75 - 85

⁽⁺⁾ after lamination with black paper

⁽¹⁾ 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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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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