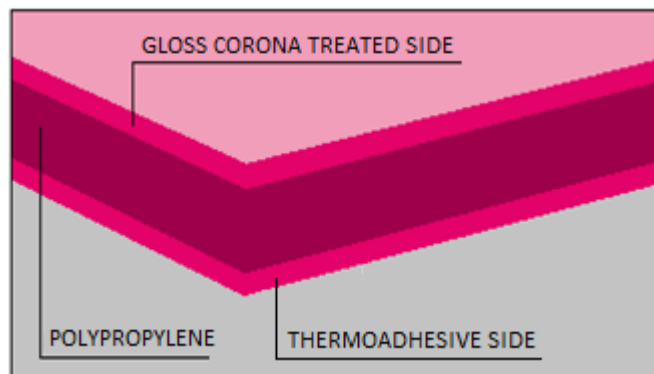


# TECHNICAL DATA SHEET

## TK HT DIGI GLOSS

TK HT DIGI GLOSS is a gloss bioriented polypropylene film with one side corona treated and the other side coated with adhesive, which is specifically designed for thermal lamination of digitally printed paper and cardboard.

*This film is suitable to come into contact with food and complies with EN-71 (declarations on request).*



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

PHYSICAL PROPERTIES		METHOD	UNIT	VALUE code 710/03
Thickness		GB/T6672	µm	27 ± 1
Grammage		Internal	g/m <sup>2</sup>	23,92 ± 0,89
COF (film/film)	dynamic	ASTM D1894	-	≤ 0,5
Surface tension	corona side	GB/T14216	dyne/cm	≥ 36

THERMAL PROPERTIES		METHOD	UNIT	VALUE code 710/03
Thermal shrinkage (120°C/30s)	MD	Internal	%	≤ 3
	TD			≤ 1,5
Lamination temperature	adhesive side	-	°C	95 - 120 <sup>(*)</sup>
Lamination pressure			MPa	8 - 18 <sup>(*)</sup>
Lamination speed			m/min	10 - 30 <sup>(*)</sup>

<sup>(\*)</sup> variable according to the processing conditions. Best adhesion performance is usually 24h after laminating.

OPTICAL PROPERTIES	METHOD	UNIT	VALUE code 710/03
Haze	ASTM D1003	%	≤ 5

### 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.

**<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.**

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Ed. 01 issued on 2021/10/11  
Rev.01 issued on 2024/08/26

#### *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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