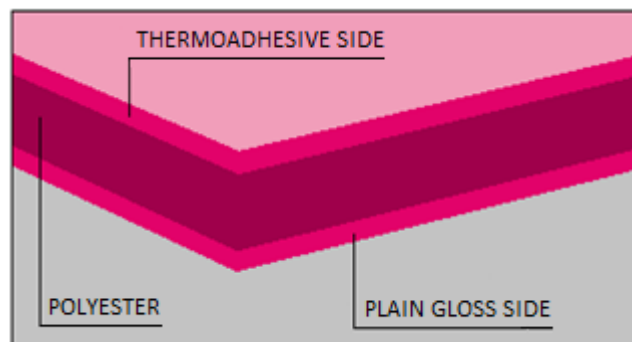


# TECHNICAL DATA SHEET

## TK38 PET GLOSS

**TK38 PET GLOSS** is a gloss bioriented polyester with one plain side and the other side coated with adhesive, which is specifically designed for thermal lamination.

*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 460/03
Thickness		GB/T6672	µm	38 ± 2
Grammage		Internal	g/m <sup>2</sup>	37,17 ± 0,2
COF (film/film)		GB2410	%	≤ 0,40
Surface tension	plain side	GB/T14216	dyne/cm	≥ 32

MECHANICAL PROPERTIES		METHOD	UNIT	VALUE code 460/03
Tensile strength at break	MD	GB13022	MPa	≥ 30
	TD			≥ 40
Elongation at break	MD	GB13022	%	≤ 120
	TD			≤ 100

THERMAL PROPERTIES		METHOD	UNIT	VALUE code 460/03
Thermal shrinkage (120°C/30s)	MD	Internal	%	≤ 1
	TD			≤ 1
Lamination temperature	adhesive side	Internal	°C	95 - 125 <sup>(*)</sup>
Lamination pressure		Internal	Kg/cm	> 32 <sup>(*)</sup>
Lamination speed		Internal	MPM	≤ 20 <sup>(*)</sup>

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

<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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OPTICAL PROPERTIES		METHOD	UNIT	VALUE code 460/03
Gloss	45°	Internal	GU	≥ 120
Haze		GB2410	%	≤ 10

#### 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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