

TECHNICAL DATA SHEET



Article code 03S

TK HT DIGI GLOSS (Bopp)

(Thermal Gloss BOPP Digital laminating film)

Profile: *Thermal Bi-axially Oriented Polypropylene digital laminating film. Non-toxic, environmentally friendly and energy efficient, this film does not produce harmful gases or dangerous substances during application.

Features: *Suitable for use on electro-photographic output from digital presses such as Xerox IGEN3, Xerox C800 Konica, Canon, Hewlett Packard etc. This film exhibits extremely good bonding characteristics with silicone oil, high wax content ink and dry toner with fuser oil.

*This film does not contain PVC

Applications: *Book covers, flyers, maps, paper bags, pharmaceutical, cosmetic & flute boxes, promotion materials etc.

PHYSICAL PROPERTIES $\pm 5\%$	UNIT	TEST METHOD	VALUES
Film thickness (Bopp / Adhesive)	Microns	GB/T6672	(12/15) = 27
Yield	M ² /kg	----	41.8
Unit Weight	g/m ²	----	
Surface tension (film side/adhesive side)	Dynes/cm	GB/T14216	$\geq 30 / \geq 40$
OPTICAL PROPERTIES $\pm 5\%$	UNIT	TEST METHOD	VALUES
Haze	%	ASTM D1003	≤ 5
MECHANICAL PROPERTIES $\pm 5\%$	UNIT	TEST METHOD	VALUES
Coefficient of friction (film/film)	---	ASTM D1894	≤ 0.5
Heat shrinkage (30 sec at 120°C) MD/TD	%	INTERNAL	$\leq 3 / \leq 1.5$

* MD = Machine Direction TD=Transverse Direction

***Recommended laminating Conditions:** 95~120°C Pressure: 2 ~ 6 bar Speed: 10 ~30m/min.

***Recommended Storage conditions:**

Keep in dry, clean location away from direct sunlight, advisably wrapped or packed inside a cardboard container. 20 ~ 25°C, 40% relative humidity.

* **Disclaimer:** The information provided above is to the best of knowledge of the producer, these values provided are test results, which are indicative only and provided for guidelines.

Ultralen® registered trademark

The aforementioned data are given most conscientiously but without any obligation. Any processing details are provided merely for guidance, it is the user's responsibility to check the suitability of the product for the intended application.

Warranty: This product has a warranty of 180 days from the date on the invoice; claims after 180 days from the date on the invoice cannot be accepted. Please always keep the full label details of the roll available for warranty purposes, without full label details claims cannot be accepted or handled.

January 2023

USt.ID Nr.: DE229822516
Steuer-Nr.: 11089/06347
Sitz der Gesellschaft: Weil am Rhein
Registergericht: Amtsgericht Freiburg HRB 413444
Geschäftsführer: Davide Frolidi, Cristiano Conti, Giuliano Porta

Ultralen Film GmbH
Lustgartenstrasse 6
DE-79576 Weil am Rhein
E-Mail: info@ultralen.com
Internet: www.ultralen.com