

# TECHNICAL DATA SHEET



Article codes 02S, 33S

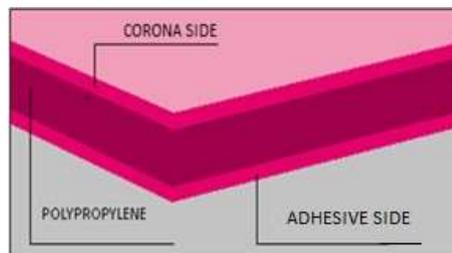
TK25 GLOSS (Bopp)

**Profile:**

- Extrusion-coated biaxially oriented polypropylene gloss film with a low temperature melting adhesive resin on one-side for thermal lamination of film to paper products by heat and pressure.

**Features:**

- Good optical properties
- Good machinability
- Good Fiber tear bond strength to paper
- Good resistance to elongation & tear



**Applications:**

- Thermal lamination with all kinds of printed & unprinted paper and paperboards such as book covers, posters, magazines, boxes, paper bags menu cards, diaries, etc.....

TYPICAL PROPERTIES ± 3%		UNIT	TEST MEASUREMENT	VALUES
Thickness	Article code 02S/33S	µm	ASTM D 374	25.5 / 25
Unit Weight	Article code 02S/33S	g/m <sup>2</sup>	internal	23.4 / 21.25
Yield	Article code 02S/33S	M <sup>2</sup> /kg	ASTM D 4321	42.74 / 47.06
Density		g/cc	internal	0.91
Gloss (45°) / (60°)	film side	%	ASTM D 2457	58 / 95
Surface tension	film side	Dynes/cm	ASTM D 2578	38
Surface tension	adhesive side	Dynes/cm	ASTM D 2578	42
Coefficient of friction (Kinetic)		film / film	internal	0.2 > 0.25
Recommended laminating temperature		°C	internal	90 > 120

**Storage conditions:** For best film performance, keep in film in dry, clean location. Preferably wrapped in plastic or packed in a carton box. Store film at room temperatures between 18 ~ 25°C and 40% relatively normal humidity and keep away from heat sources & direct sunlight.

**Disclaimer:** The producer bases the information provided above on conclusive tests, these values are test results, which are indicative only and provided as 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.

**Note! Changes made to the film's original identity such as:** applying a surface coating or extrusion coating. This is done at the customers own risk, it is the customer's responsibility to check the film is suitable before a surface coating or extrusion coating is to be done. Claims cannot be accepted after the film has been surface coated or extrusion coated.

**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 film available for warranty purposes, without full label details claims cannot handle or accept.

14.11.2022