

TECHNICAL DATA SHEET



Article code 02S_33S

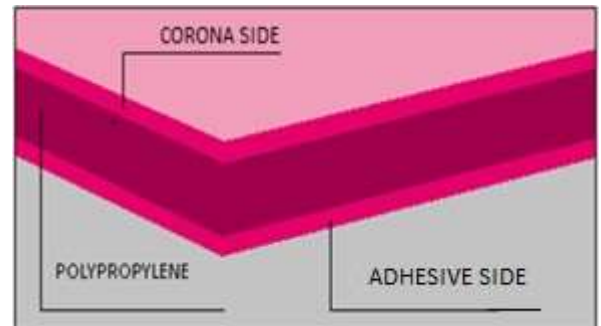
TK27 SILK (Bopp)

Profile:

- Extrusion-coated Biaxially oriented polypropylene 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
- Suitable for printing, UV Varnishing, hot foil stamping & gluing (initial tests prior to actual job are recommended)



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 $\pm 5\%$		UNIT	TEST METHOD	VALUES.
Thickness	Article code 02S/33S	μm	ASTM D 374	27
Unit Weight	Article code 02S/33S	g/m^2	internal	22.5/24.93
Yield	Article code 02S/33S	M^2/kg	ASTM D 4321	44.44/40.11
Gloss (45°)	silk side	%	ASTM D 2457	17 > 25
Surface tension film side / adhesive side		Dynes/cm	ASTM D 2578	41 / 42
Coefficient of friction (Kinetic)		film / film	internal	0.3 > 0.35
Recommended laminating temperature		$^{\circ}\text{C}$	internal	95 > 120

Storage conditions: For best film performance, the film should be kept in a dry, clean location, away from direct sunlight, in normal room temperatures between 18 ~ 25°C and 40% relatively normal humidity.

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

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 handled or accepted.

14.11.2022