TECHNICAL DATA SHEET

MED 1834 Double-Coated Film

MED 1834 is a double-coated, thin, transparent, polyester film with a synthetic rubber adhesive. This product offers a high initial tack, allowing for adhesion to various natural and synthetic substrates. This product also contains a heavyweight liner with ideal release for kiss cutting, die-cutting, and converting.

TYPICAL APPLICATION

Designed for surgical drape tapes where there is a need to adhere a drape to the patient's skin.

FEATURES AND BENEFITS

- Conformable
- Moisture resistant
- Transparent
- Die-cuttable
- Gamma and EtO sterilizable



ADHESIVE

Product Construction

	TYPICAL VALUES*		DESCRIPTION	
UNWIND ADHESIVE THICKNESS	1.4 mils	35 µm	Synthetic rubber adhesive designed for medical applications	
CARRIER THICKNESS	0.5 mils	12 µm	Transparent polyester film	
LINER ADHESIVE THICKNESS	1.4 mils	35 µm	Synthetic rubber adhesive designed for medical applications	
LINER THICKNESS	4.1 mils	105 µm	White super-calendered glassine	

*Refer to product specifications for material acceptance limits.



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Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES [†]	
PEEL ADHESION ON POLYETHYLENE - LINER	TDS-02	1.9 lbf/in	8.6 N/25 mm
PEEL ADHESION ON POLYETHYLENE - UNWIND	TDS-02	1.3 lbf/in	5.5 N/25 mm
PEEL ADHESION ON STAINLESS STEEL - LINER	TDS-03	5 lbf/in	22 N/25 mm
PEEL ADHESION ON STAINLESS STEEL - UNWIND	TDS-03	3.5 lbf/in	15.5 N/25 mm
LINER RELEASE	TDS-06	1.3 oz/in	40 g/25 mm
FINAT TACK - LINER	TDS-08	2.1 lbf/in	9 N/25 mm
FINAT TACK - UNWIND	TDS-08	1.8 lbf/in	8 N/25 mm
DYNAMIC SHEAR - LINER	TDS-11	215 lbf/in	940 N/25 mm
DYNAMIC SHEAR - UNWIND	TDS-11	192 lbf/in	840 N/25 mm

*Test method information available upon request.

[†]Refer to product specifications for material acceptance limits.

STORAGE AND SHELF LIFE: Two years when stored at 23°C (73°F), 50% relative humidity, out of direct sunlight, in original packaging.

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To learn more about how our material and adhesive science expertise can help drive your next innovation, call us

US: +1 440 534 2600 Belgium: +32 14 40 48 11 Ireland: +353 43 3349586

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