

# TECHNICAL DATA SHEET

MED 1126

## Single-Coated Film

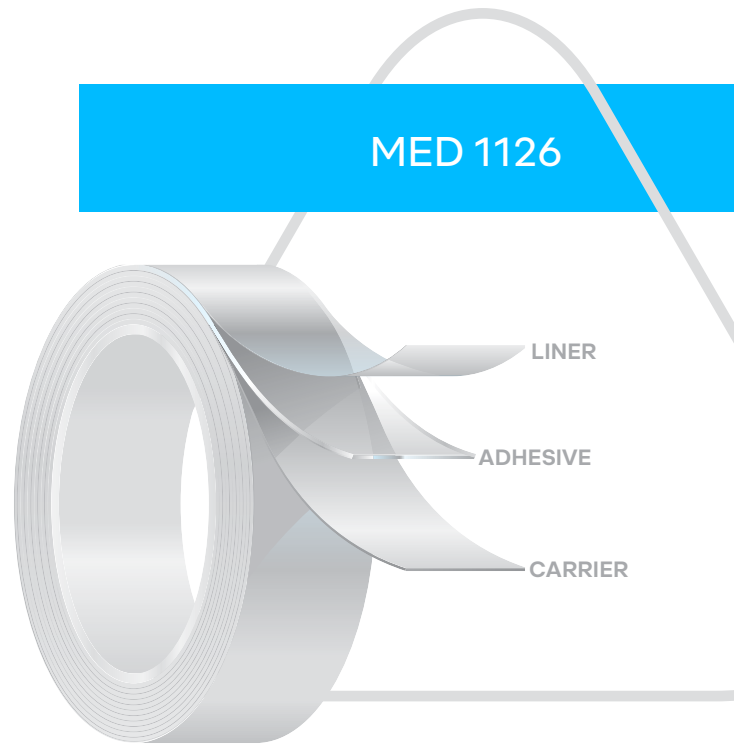
MED 1126 is a single-coated, transparent, biaxially oriented polyester film. Designed for diagnostic lidding applications where transparency, barrier and breathability properties are necessary to assist in the growth and identification of infectious agents for the purpose of identifying potential medical treatments.

### TYPICAL APPLICATION

Designed for microplate, PCR plate and lab on a chip applications.

### FEATURES AND BENEFITS

- Optically clear
- Oxygen permeable
- High adhesion to Polystyrene and Polypropylene
- Inert silicone PSA
- Low auto fluorescence



## Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	2 mils	50 $\mu\text{m}$	Optically clear BOPP film
ADHESIVE THICKNESS	1.3 mils	33 $\mu\text{m}$	Silicone PSA designed for diagnostic applications
LINER THICKNESS	2 mils	25 $\mu\text{m}$	Transparent PET Film

\*Refer to product specifications for material acceptance limits.

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**Single-Coated Film****Physical Properties** [Not intended as specification]

	METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-03	> 2.2 lbs/in	> 9.7 N/25 mm
LIGHT TRANSMISSION	ASTM D1003	> 90%	
RELEASE	TDS-06	20 gm/2 in	20 gm/50 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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