

# TECHNICAL DATA SHEET

MED 3044

## Double-Coated Film

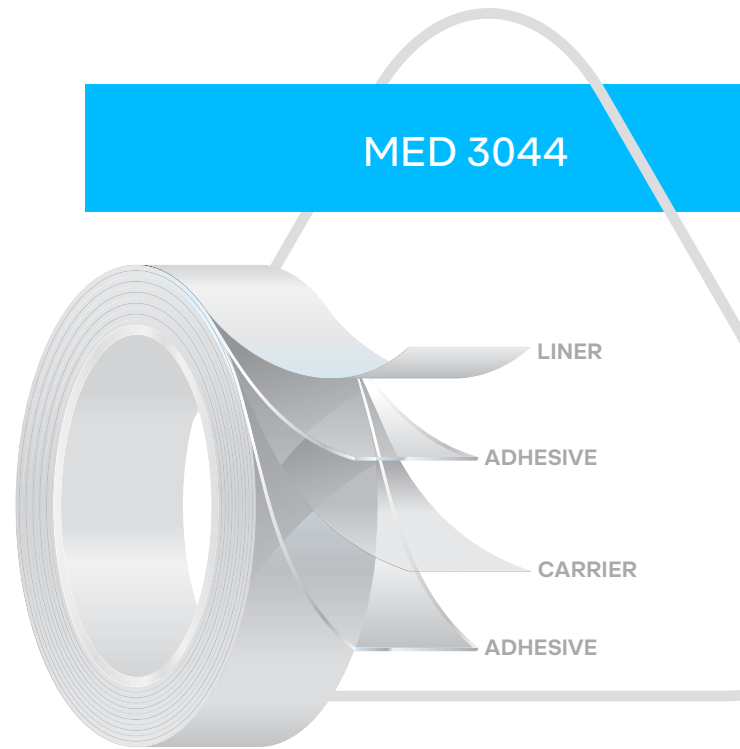
MED 3044 is a double-coated, conformable, transparent polyethylene film with an acrylic adhesive on both sides. This product is designed to adhere to many foams, films and nonwovens, and has a heavy-weight liner, allowing for greater flexibility in product design and converting processes.

### TYPICAL APPLICATION

Designed for mounting medical devices to the skin for sustained periods of wear.

### FEATURES AND BENEFITS

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



### Product Construction

	TYPICAL VALUES*		DESCRIPTION
UNWIND ADHESIVE THICKNESS	2.0 mils	50 µm	Acrylic adhesive designed for medical applications
CARRIER THICKNESS	3.0 mils	75 µm	Transparent polyethylene film
LINER ADHESIVE THICKNESS	2.0 mils	50 µm	Acrylic adhesive designed for medical applications
LINER THICKNESS	5.6 mils	140 µm	White double-coated kraft

\*Refer to product specifications for material acceptance limits.

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## Physical Properties [Not intended as a specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE (PE) - LINER	TDS-01	0.7 lbf/in	3.1 N/25 mm
PEEL ADHESION ON POLYETHYLENE (PE) - UNWIND	TDS-01	0.7 lbf/in	3.1 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS) - LINER	TDS-03	3.1 lbf/in	13.5 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS) - UNWIND	TDS-03	4.2 lbf/in	18.5 N/25 mm
LINER RELEASE	TDS-06	2.3 oz/in	65 g/25 mm
FINAT TACK - LINER	TDS-07	1.5 lbf/in	7 N/25 mm
FINAT TACK - UNWIND	TDS-07	3.8 lbf/in	17 N/25 mm
DYNAMIC SHEAR - LINER	TDS-10	23 lbf/in	100 N/25 mm
DYNAMIC SHEAR - UNWIND	TDS-10	23 lbf/in	100 N/25 mm
ELONGATION			
MACHINE DIRECTION	TDS-15	525%	
CROSS DIRECTION	TDS-15	800%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	10 lbf/in	45 N/25 mm
CROSS DIRECTION	TDS-15	9 lbf/in	40 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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