

# TECHNICAL DATA SHEET

MED 3044

## Double-Coated Film

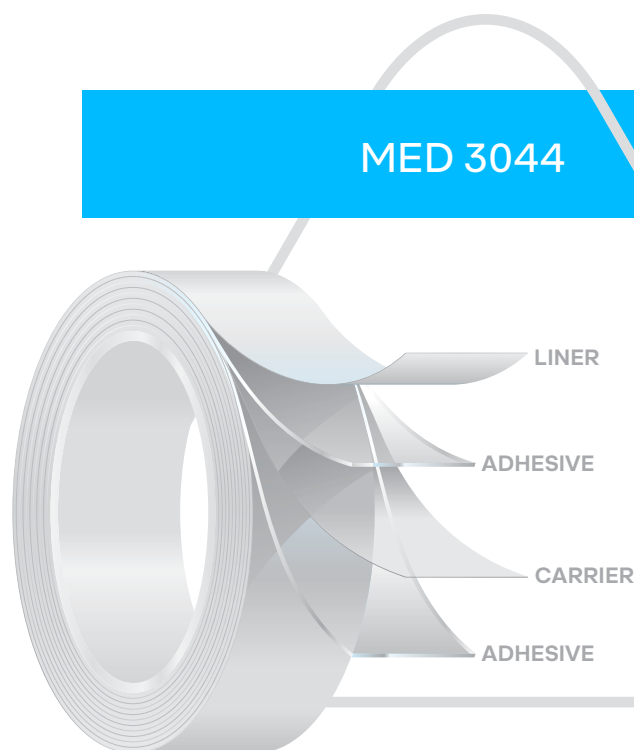
MED 3044 is a double-coated, conformable, transparent polyethylene film with an acrylic adhesive on both sides. This product is designed to adhere to many foams, films and nonwovens, and has a heavy-weight liner, allowing for greater flexibility in product design and converting processes.

### 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



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1-800-773-0062

## Product Construction

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

\*Refer to product specifications for material acceptance limits.

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
<b>ELONGATION</b>			
MACHINE DIRECTION	TDS-15	525%	
CROSS DIRECTION	TDS-15	800%	
<b>LOAD AT BREAK</b>			
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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