

TECHNICAL DATA SHEET

MED 445

Double-Coated Film

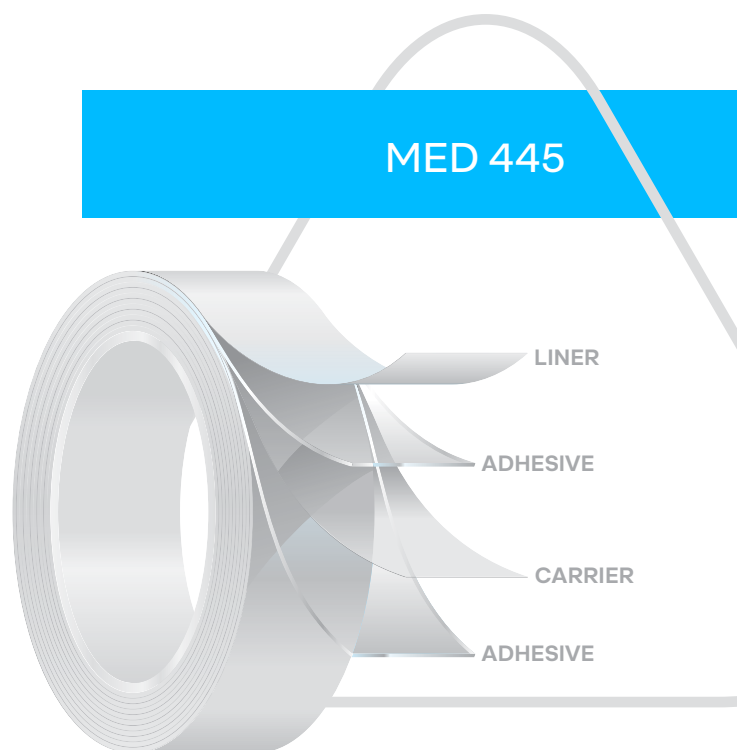
MED 445 is a double-coated, conformable, polypropylene film with a rubber-based adhesive on both sides. This product also has a high tack, high adhesion and excellent shear strength to adhere to low surface energy substrates.

TYPICAL APPLICATION

Designed for adhering to various types of substrates with the objective of combining multiple layers. This product is also ideal when adhering low surface energy materials within the construction of a wearable device.

FEATURES AND BENEFITS

- Conformable
- Die-cuttable
- Gamma and EtO sterilizable



Product Construction

	TYPICAL VALUES*		DESCRIPTION
LINER THICKNESS	3.5 mils	90 μm	Single-coated kraft
LINER ADHESIVE THICKNESS	2.4 mils	60 μm	Rubber-based adhesive designed for medical applications
CARRIER THICKNESS	1 mils	25 μm	Transparent BOPP film
UNWIND ADHESIVE THICKNESS	2.4 mils	60 μm	Rubber-based adhesive designed for medical applications

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE - LINER	TDS-01	2.5 lbf/in	11 N/25 mm
PEEL ADHESION ON POLYETHYLENE - UNWIND	TDS-01	2.5 lbf/in	11 N/25 mm
PEEL ADHESION ON STAINLESS STEEL - LINER	TDS-03	9.9 lbf/in	45 N/25 mm
PEEL ADHESION ON STAINLESS STEEL - UNWIND	TDS-03	9.63 lbf/in	44 N/25 mm
LINER RELEASE	TDS-06	1.7 oz/in	90 g/25 mm
FINAT TACK - LINER	TDS-07	16 lbf/in	71 N/25 mm
FINAT TACK - UNWIND	TDS-07	16 lbf/in	71 N/25 mm
DYNAMIC SHEAR - LINER	TDS-10	199 lbf/in	870 N/25 mm
DYNAMIC SHEAR - UNWIND	TDS-10	151 lbf/in	660 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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