

TECHNICAL DATA SHEET

MED 6001SI

Double-Coated, Trilaminare TPU Film with a High Tack Soft Silicone Adhesive

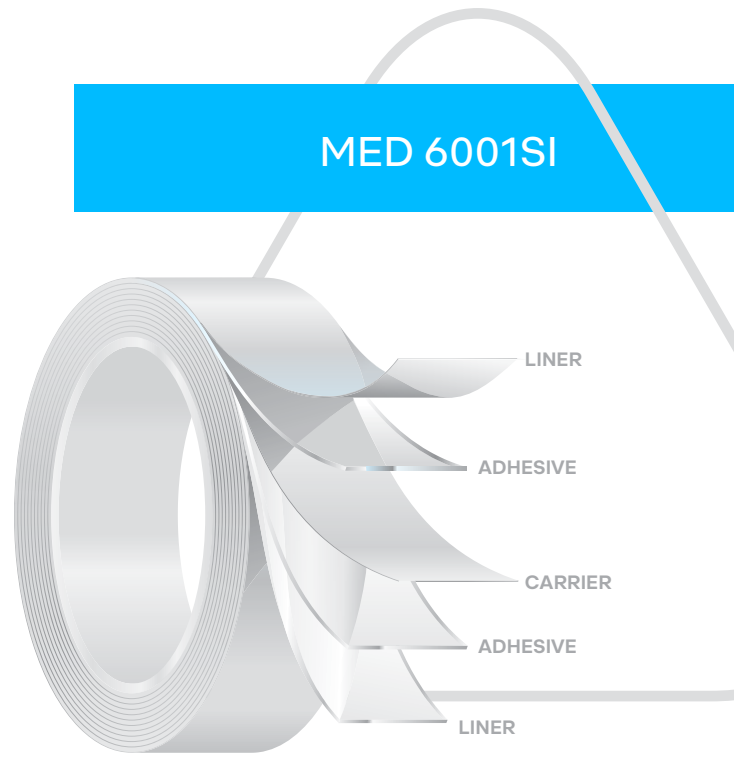
MED 6001SI is a double-coated, transparent thermoplastic polyurethane (TPU) film with a high tack soft silicone adhesive (SSA) for adhering to the skin, with an acrylic adhesive suitable for a wide variety of materials. The softness, conformability and repositionability of the silicone adhesive offer a high degree of user comfort. The fully-coated silicone adhesive side of the roll is equipped with a polypropylene (PP) release liner, compatible for die cutting. The acrylic adhesive contains a white paper liner, which is printable on one side.

TYPICAL APPLICATION

Designed for conversion as the silicone adhesive layer for multi-layered advanced wound care dressings. Application areas also include patient monitoring and wearables.

FEATURES AND BENEFITS

- Greatly increases skin adhesion while remaining gentle and soft
- Repositionable with minimal pain upon removal
- Acrylic adhesive, suitable for a wide variety of materials
- PP release liner, suitable for die cutting or kiss cutting
- Non-irritating, non-sensitizing, skin-friendly
- Atraumatic removal with minimal epidermal stripping
- Secure fixation
- Transparent
- Conformable and flexible
- EtO sterilizable



Product Construction

	TYPICAL VALUES*		DESCRIPTION
SILICONE LINER THICKNESS	3.5 mils	90 µm	Transparent polypropylene liner
SILICONE ADHESIVE COAT WEIGHT	3.8 mils	100 gsm	Soft silicone adhesive designed for medical applications
CARRIER THICKNESS	1.6 mils	40 µm	Transparent polyether polyurethane film
ACRYLIC ADHESIVE COAT WEIGHT	1.6 mils	40 µm	Acrylic adhesive designed for medical applications
ACRYLIC LINER THICKNESS	3.5 mils	90 µm	White super-calendered glassine paper

*Refer to product specifications for material acceptance limits.

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Double-Coated, Trilaminate TPU Film with a High Tack Soft Silicone Adhesive**Physical Properties** [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†
SILICONE ADHESIVE COAT WEIGHT	TM043	100 gsm
SILICONE PEEL ADHESION (POLYCARBONATE PLATE)	TM040	1.51 N/25 mm
SILICONE LINER RELEASE (PP LINER)	TM020	0.19 N/25 mm
ACRYLIC ADHESION	TM021	10.85 N/25 mm
ACRYLIC LINER RELEASE (PAPER LINER)	TM020	0.05 N/25 mm
MVTR	TM046	380 g/m ² per 24 hr
THICKNESS	TM022	0.34 mm

MVTR, moisture vapor transmission rate.

*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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