

# TECHNICAL DATA SHEET

## MED 6501SI

### Double-Coated, Trilaminar PU Film with a Soft Silicone Adhesive with 1.6mm/0.06" perforation pattern

MED 6501SI is a double-coated, transparent polyurethane film with a soft silicone adhesive (SSA) to adhere to the skin, and an acrylic adhesive suitable for a wide variety of materials. The softness, conformability, and the repositionability of the silicone adhesive offers a high degree of user comfort. The 1.6mm/0.06" perforation pattern in the trilaminar construction provides breathability through its perforations, and allows for exudate and moisture management to reduce skin maceration. The silicone adhesive side of the roll is supplied with a blue LDPE release liner. The acrylic adhesive contains a white siliconized paper liner.



### TYPICAL APPLICATION

Designed for conversion as a silicone wound contact layer (SWCL) into multi-layered advanced wound care dressings. Application areas also include patient monitoring, wearables, and ostomy flanges.

### FEATURES AND BENEFITS

- Gentle and soft adhesion to the skin
- Repositionable with minimal pain on removal
- Secure fixation
- Transparent
- Conformable and flexible
- 1.6mm/0.06" perforations allow for exudate and moisture management
- Non irritating, non sensitizing, skin friendly
- Atraumatic removal with minimal epidermal stripping
- EtO sterilizable

### Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	1.6 mils	40 µm	Transparent polyether polyurethane film
SILICONE ADHESIVE COAT WEIGHT	150 gsm		Soft silicone adhesive designed for medical applications
ACRYLIC ADHESIVE COAT WEIGHT	40 gsm		Acrylic adhesive designed for medical applications
SILICONE LINER THICKNESS	4.0 mils	100 µm	Blue LDPE
ACRYLIC LINER THICKNESS	2.6 mils	65 µm	White super-calendered glassine paper

\*Refer to product specifications for material acceptance limits.

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### Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†
SILICONE ADHESIVE COAT WEIGHT	TM043	150 gsm
SILICONE PEEL ADHESION (POLYCARBONATE PLATE)	TM040	>0.5 N/25 mm
SILICONE LINER RELEASE	TM020	0.15 N/25 mm
ACRYLIC PEEL ADHESION (STAINLESS STEEL PLATE)	TM021	8 N/25 mm
ACRYLIC LINER RELEASE	TM020	0.15 N/25mm
PERFORATION DIAMETER	TM041	1.6 mm/0.06"
TOTAL OPEN AREA	N/A	17.4%

\*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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