

TECHNICAL DATA SHEET

MED 6505SI

Double-Coated, Trilaminate PU Film with a Soft Silicone Adhesive

MED 6505SI is a double-coated, transparent, flexible, yet strong PU film with a soft silicone adhesive (SSA) to adhere to the skin, and an acrylic adhesive suitable for a wide variety of materials.

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
- Secure fixation
- Transparent
- Conformable and flexible
- Higher tensile strength carrier
- Non irritating, non sensitizing, skin friendly
- Atraumatic removal with minimal epidermal stripping
- EtO sterilizable



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	4.0 mils	100 μ m	Transparent, flexible, yet strong 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 μ m	Blue LDPE
ACRYLIC LINER THICKNESS	3.3 mils	85 μ m	White super-calendered glassine paper

*Refer to product specifications for material acceptance limits.

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Double-Coated, Trilaminate PU Film with a Soft Silicone Adhesive**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	8.0 N/25 mm
ACRYLIC LINER RELEASE	TM020	0.15 N/25mm

*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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