

# TECHNICAL DATA SHEET

## MED 6506SI

### Double-Coated, Trilaminar PU Film with a Soft Silicone Adhesive

MED 6506SI is a double-coated, transparent polyurethane film with a soft silicone adhesive (SSA) to adhere to the skin, and a synthetic rubber adhesive with good initial tack and adhesion that is 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 fully-coated silicone adhesive side of the roll is supplied with a blue LDPE release liner. The synthetic rubber adhesive contains a blue/green 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
- 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
SYNTHETIC RUBBER ADHESIVE COAT WEIGHT	40 gsm		Synthetic rubber adhesive designed for medical applications
LINER THICKNESS	4.0 mils	100 µm	Blue LDPE
RELEASE LINER THICKNESS	3.4 mils	85 µm	Blue/green 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 a 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	
SYNTHETIC RUBBER PEEL ADHESION (STAINLESS STEEL PLATE)	TDS-03	7.0 lbf/in	32.0 N/25 mm
SYNTHETIC RUBBER LINER RELEASE	TDS-06	1.6 oz/in	25 g/25mm

\*Test method information available upon request.

†Refer to product specifications for material acceptance limits.

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