TECHNICAL DATA SHEET

MED 5503SI

Single-Coated, Bilaminate PU Film with a High Tack Soft Silicone Adhesive

MED 5503SI is a single-coated, transparent polyurethane film with a high tack soft silicone adhesive (SSA) for adhering to the skin. 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 blue LDPE release liner.

TYPICAL APPLICATION

Designed for conversion as the silicone adhesive component in 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
- 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 ADHESIVE COAT WEIGHT 150 gsm Soft silicone adhesive designed for medical applications RELEASE LINER THICKNESS 4.0 mils 100 μm Blue LDPE



^{*}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	TM-043	150 gsm
SILICONE PEEL ADHESION (BRISTOL PAPER TEST)	TM-064	2.40 N/25 mm
SILICONE LINER RELEASE	TM-020	0.05 N/25 mm

^{*}Test method information available upon request.

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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To learn more about how our material and adhesive science expertise can help drive your next innovation, call us

US: +1 440 534 2600 Belgium: +32 14 40 48 11 Ireland: +353 43 3349586

www.medical.averydennison.com



[†]Refer to product specifications for material acceptance limits.