

TECHNICAL DATA SHEET

MED 5712SI

Silicone Easy Tear-Tape

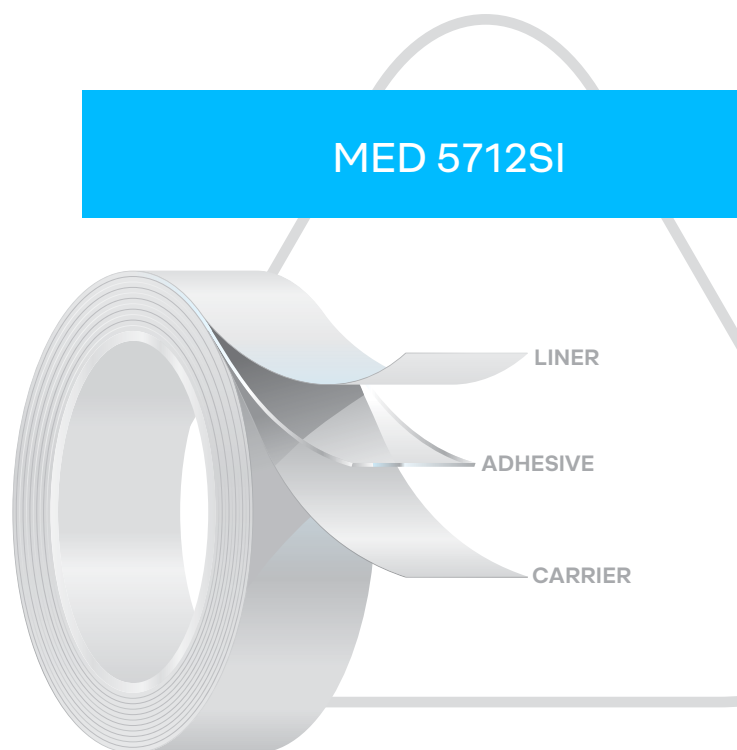
MED 5712SI is a single-coated easy-tear soft silicone adhesive nonwoven which is easily torn in both directions. The product is coated onto a blue colored hydrophobic polyester-cellulose nonwoven and covered with a blue colored LDPE release liner. The nonwoven carrier has a fluorine coating to allow the tape to be self wound without the need for a release liner and available in white, beige or blue. The product is supplied non-sterile.

TYPICAL APPLICATION

Designed for woundcare and consumer applications.

FEATURES AND BENEFITS

- Gentle and soft adhesion to the skin
- No scissors required, easy to tear
- Can be torn along or across tape
- Can be self wound
- Conformable and flexible
- Water-repellent
- Secure fixation
- Nonirritating, nonsensitizing, skin friendly
- Painless removal with minimal epidermal stripping
- EtO sterilizable



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	5.9 mils	150 μ m	43 gsm cellulose-polyester nonwoven (with fluorine coating) available in white, beige or blue
ADHESIVE THICKNESS	70 gsm		Soft silicone adhesive designed for medical applications
RELEASE LINER THICKNESS	4 mils	100 μ m	White LDPE

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†
SILICONE PEEL ADHESION (POLYCARBONATE PLATE)	TM040	0.91 N/25 mm
SILICONE LINER RELEASE	TM020	0.38 N/25 mm
PEEL RELEASE OF SELF-WOUND TAPE	TM020	0.16 N/25 mm
SILICONE ADHESIVE THICKNESS	TM043	70.3 gsm
MVTR	TDS-16	910 g/m ² /24 hr

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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