

TECHNICAL DATA SHEET

MED 5710SI

Soft Silicone Adhesive (SSA) Nonwoven

MED 5710SI is a single-sided soft silicone adhesive coated nonwoven. The silicone adhesive is coated onto a white colored hydrophobic/spunlace polyester nonwoven. The product is covered with a blue coloured LDPE release liner and supplied non-sterile.

TYPICAL APPLICATION

Designed for wound care applications such as securing to fragile skin, covering a finished device and attaching a device to the skin. It can also be converted into a silicone wound contact layer (SWCL) in the construction of multi-layered advanced wound care dressings.

FEATURES AND BENEFITS

- Gentle and soft adhesion to the skin
- Conformable and flexible
- Water-repellent
- Secure fixation
- Non irritating, non sensitizing, skin friendly
- Painless removal with minimal epidermal stripping
- EtO sterilizable



Product Construction

| | TYPICAL VALUES* | | DESCRIPTION |
|-------------------------|-----------------|--------|--|
| CARRIER THICKNESS | 11 mils | 280 µm | 38 gsm White hydrophobic spunlace polyester nonwoven |
| ADHESIVE THICKNESS | 150 gsm | | Soft silicone adhesive designed for medical applications |
| RELEASE LINER THICKNESS | 4 mils | 100 µm | Blue LDPE |

*Refer to product specifications for material acceptance limits.

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Soft Silicone Adhesive (SSA) Nonwoven**Physical Properties** [Not intended as specification]

| | TEST METHOD* | TYPICAL VALUES† |
|--|--------------|-----------------------------|
| SILICONE PEEL ADHESION (POLYCARBONATE PLATE) | TM040 | 1 N/25 mm |
| SILICONE LINER RELEASE | TM020 | 0.32 N/25 mm |
| SILICONE ADHESIVE THICKNESS | TM043 | 150 gsm |
| MVTR | TDS-16 | 480 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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