

TECHNICAL DATA SHEET

SilFoam Lite

The silicone foam dressing is an absorbent, self-adherent, soft silicone wound dressing available in a border and non-border version. It comprises a breathable silicone wound contact layer designed for atraumatic removal, a polyurethane foam and superabsorbent fiber composite pad with high absorption capacity, and a vapor-permeable, water- and bacteria-resistant polyurethane film outer layer. The silicone wound contact layer is perforated and is protected by a folded, transparent, embossed LDPE liner.

On the bordered dressing, the silicone adhesive and polyurethane film extend beyond the perimeter of the composite pad to form an adhesive border.

SilFoam Lite - Preliminary



TYPICAL APPLICATION

Indicated as an aid for prevention of skin breakdown, and for the management of light to moderate exuding, partially to full thickness wounds, such as pressure ulcers, venous and arterial leg ulcers, first- and second-degree burns, and diabetic foot ulcers. The product is contraindicated for ulcers resulting from infections such as tuberculosis, syphilis, or deep fungal infections.

FEATURES AND BENEFITS

- Excellent absorbency
- Maintains a moist wound healing environment
- Optimal moisture vapor transmission rate
- Up to 7-day wear time
- Soft and conformable pad
- Breathable
- Gentle, strong skin adhesion
- Bacterial and viral resistant, waterproof PU film layer
- Perforated silicone wound contact layer
- Atraumatic removal with minimal epidermal stripping

Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	1.0 mils	25 µm	Pink polyurethane film
PAD THICKNESS	157 mils	4000 µm	Breathable, hydrophilic polyurethane foam for absorption
ADHESIVE THICKNESS	3.9 mils	100 µm	4 mm perforated, high-tack, soft silicone adhesive wound contact layer
RELEASE LINER THICKNESS	3.0 mils	75 µm	Clear, diamond embossed, folded LDPE

*Refer to product specifications for material acceptance limits.

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Physical Properties [Not intended as a specification]

	TEST METHOD*	TYPICAL VALUES†	
ABSORPTION CAPACITY	TM-014	57 g/100 cm ²	
SILICONE PEEL ADHESION (POLYCARBONATE PLATE)	TM-040	0.3 lbf/in	1.2 N/25 mm
SILICONE LINER RELEASE	TM-020	0.01 lbf/in	0.04 N/25 mm
MVTR	TM-046	150 g/100 in ² per 24 hr	2200 g/m ² per 24 hr
FLUID HANDLING CAPACITY	TM-047	20 g/10 cm ² per 24 hr	
WICKING	TM-062	8 s	

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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