

# TECHNICAL DATA SHEET

## SilFoam Plus

The Silicone Foam dressing is an absorbent, self-adherent, soft silicone wound dressing. It comprises a silicone wound contact layer, a polyurethane foam and superabsorbent fiber composite pad with high absorption capacity and a vapor-permeable, viral and bacteria-resistant polyurethane (PU) film outer layer. The silicone and polyurethane film extends beyond the perimeter of the composite pad to form an adhesive border. The silicone wound contact layer is perforated and is protected by a folded, transparent, embossed LDPE liner. The dressing is presented in a paper/poly pouch for single use and is supplied EtO sterile.

## SilFoam Plus - Preliminary



### TYPICAL APPLICATION

Designed for advanced wound care applications in the management of moderate to highly exuding, partial to full thickness wounds.

### FEATURES AND BENEFITS

- Maintains a moist wound healing environment
- Soft and conformable pad
- Breathable
- Moderate absorbency
- 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
PU FILM THICKNESS	1.0 mils	25 µm	Polyurethane film - Viral and bacterial barrier
PAD THICKNESS	157 mils	4000 µm	Superabsorbent Fibre (EtO stable) incl. nonwoven distribution layer - High absorbency and retention of exudate - Distribute fluid throughout dressing
PU FOAM	53.1 mils	1500 µm	Comfort and absorbency
SSA ADHESIVE THICKNESS	3.9 mils	100 µm	1.6 mm perforated, high-tack, soft silicone adhesive wound contact layer - Strong, gentle skin adhesion - Keeping the dressing in place
RELEASE LINER THICKNESS	3.0 mils	75 µm	Diamond embossed LDPE - User friendly, easy to apply

\*Refer to product specifications for material acceptance limits.

## SilFoam Plus

## Physical Properties [Not intended as a specification]

	TEST METHOD*	TYPICAL VALUES†
ABSORPTION CAPACITY	LFD-TST-000038	65 g/100 cm <sup>2</sup>
MVTR	LFD-TST-000036	2000 g/m <sup>2</sup> per 24 hr
FLUID HANDLING CAPACITY	LFD-TST-000037	19.9 g/10 cm <sup>2</sup> per 24 hr
SILICONE PEEL ADHESION (POLYCARBONATE PLATE)	LFD-TST-000030	1.2 N/25 mm
SILICONE LINER RELEASE	LFD-TST-000010	0.04 N/25 mm

MVTR, moisture vapor transmission rate.

\*Test method information available upon request.

†Refer to product specifications for material acceptance limits.

**STORAGE AND SHELF LIFE:** Three years when stored at 23°C (73°F), 50% relative humidity, out of direct sunlight, in original packaging.

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