

TECHNICAL DATA SHEET

Polyurethane Foam/ Film Flat Dressings

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Polyurethane Foam/Film flat dressings are hydrophilic, medical grade polyurethane (PU) foams made of a soft textured material, designed to handle high volumes of wound exudate and provide a comfortable wear for the patient. The product has a high moisture vapor permeability and is available with a moisture- and bacteria-resistant outer PU film layer.

TYPICAL APPLICATION

Indicated for venous and arterial leg ulcers, diabetic foot ulcers, stage I-IV pressure ulcers, first- and second-degree burns, traumatic wounds, and surgical wounds.

FEATURES AND BENEFITS

- Suitable for medium to high exuding wounds
- Viral and bacterial barrier film
- High absorbency capacity in a breathable environment
- Conformable
- Low wound adherence
- Good pressure relief characteristics

Packaging

	SIZE	QTY PER BOX
DRESSING	5 x 7 cm	10
DRESSING	10 x 10 cm	10
DRESSING	10 x 15 cm	10
DRESSING	10 x 20 cm	10
DRESSING	15 x 15 cm	5
DRESSING	15 x 20 cm	5
DRESSING	20 x 20 cm	5

PU foam products are packed in paper/poly film peelable pouch:

- Top: 60 g direct seal paper
- Bottom: 12 µm polyester/50 µm polyethylene film



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Product Construction

	DESCRIPTION
FILM CARRIER THICKNESS	30 µm polyurethane film
ADHESIVE THICKNESS	10 gsm co-polyamide, thermal adhesive designed for medical applications
FOAM CARRIER THICKNESS	4.0 ± 0.5 mm polyurethane foam

Product Characteristics

PROPERTY	TYPICAL VALUES†
THICKNESS	4.0 ± 0.5 mm
ABSORPTION	15 g/g
MVTR	> 1500 g/m ² per 24 hr
FOAM DENSITY	65–95 kg/m ³
FLUID HANDLING CAPACITY (4 mm FOAM)	≥ 80 g/100 cm ² per 24 hr
APPEARANCE	(Off-)White foam, pink film
PRODUCT STERILITY	Gamma sterilized (SAL 10 ⁻⁶)

MVTR, moisture vapor transmission rate.

†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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