

TECHNICAL DATA SHEET

Polyurethane Foam/Film Heel Dressings

Polyurethane Foam/Film heel 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 stage I-IV pressure ulcers, first- and second-degree burns, and surgical wounds.

FEATURES AND BENEFITS

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



Packaging

	SIZE	QTY PER BOX
DRESSING	25 cm ²	10

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	6.5 ± 0.5 mm polyurethane foam

Product Characteristics

PROPERTY	TYPICAL VALUES†
THICKNESS	6.5 ± 0.5 mm
ABSORPTION	15 g/g
MVTR	> 1000 g/m ² per 24 hr
FOAM DENSITY	65–95 kg/m ³
HEEL WELD STRENGTH	> 900 gf/min
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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