

# TECHNICAL DATA SHEET

MED 5645

## Single-Coated Foam

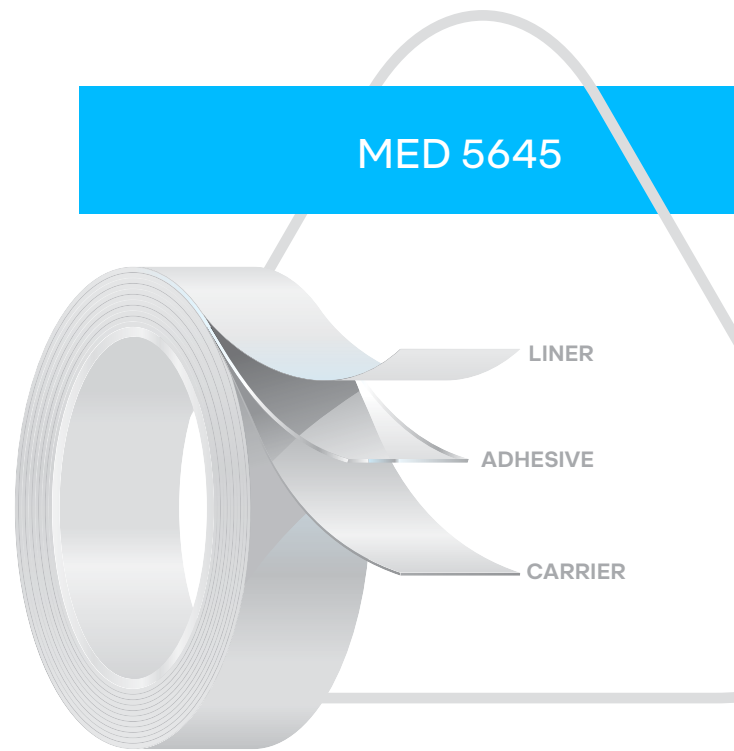
MED 5645 is an alternative to PVC foam. It is an eco-friendly, single-coated white foam that looks, feels and functions like a traditional PVC foam. This new foam is not made with natural rubber latex and is non-irritating to the skin as it is made using a biocompatible acrylic adhesive. The product is offered with the option to include perforation to increase the product's breathability.

### TYPICAL APPLICATION

Designed for wearable device, wound care and ostomy applications.

### FEATURES AND BENEFITS

- Conformable
- Elastic
- Breathable
- Flexible
- Not made with natural rubber latex
- Alternative to PVC foam



### Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	20 mils	508 $\mu\text{m}$	White alternative to PVC foam
ADHESIVE THICKNESS	3 mils	76 $\mu\text{m}$	Acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	2 mils	50 $\mu\text{m}$	Single-coated kraft

\*Refer to product specifications for material acceptance limits.

## Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†
PEEL ADHESION ON STAINLESS STEEL	STD-26	2.5 N/25 mm
LINER RELEASE	STD-8	90 g/25 mm
MVTR_MOCON (PERFORATED)	STD-2	9.4 N/25 mm
STATIC SHEAR	STD-9	>1000 1" x 1" x 500 g (hr)
AIR PERMEABILITY (PERFORATED)	STD-235	40 1" x 1" x 500 g (hr)
<b>ELONGATION</b>		
MACHINE DIRECTION	STD-3	475%
CROSS DIRECTION	STD-3	425%
<b>LOAD AT BREAK</b>		
MACHINE DIRECTION	STD-3	300 psi
CROSS DIRECTION	STD-3	180 psi

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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