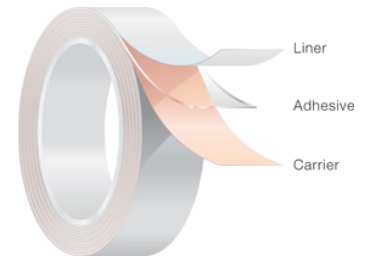


TECHNICAL DATA SHEET

MED 5644 Single-Coated Foam

MED 5644 is an alternative to PVC foam. It is an ecofriendly, single-coated tan 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 also 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 µm	Tan alternative to PVC foam
Adhesive Thickness	3.0 mils	76 µm	Acrylic adhesive designed for medical applications
Release Liner Thickness	2.0 mils	50 µm	Single-coated kraft

Physical Properties (Not intended as a specification.)

	Test Method	Typical Values*
Peel Adhesion on Stainless Steel (SS)	STD-26	2.5 lbf/in
Liner Release	STD-8	90 g/2 in
MVTR_MOCOCN (Perforated)	STD-2	9.4 lbf/in
Static Shear	STD-9	>1000 1" x 1" x 500g (hr)
Air Permeability (Perforated)	STD-235	40 1" x 1" x 500g (hr)
Elongation		
Machine Direction	STD-3	475%
Cross Direction	STD-3	425%
Load at Break		
Machine Direction	STD-3	300 psi
Cross Direction	STD-3	180 psi

*Refer to product specifications for material acceptance limits.

For questions or to order, please contact your strategic account director or visit our website: vancive.averydennison.com

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Storage and Shelf Life

Two years when stored at 23°C (73°F), 50% relative humidity, out of direct sunlight, in original packaging.

Safety

Customers/users have full responsibility to determine the suitability of Vancive products for applications in their business. This includes both safety and biocompatibility assessments. Material Safety Data Sheets (MSDS) will be provided upon request, as well as summaries of components' biocompatibility testing results (ISO 10993), where available. Customers should perform their own assessments on final products in compliance with applicable regulatory requirements.

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