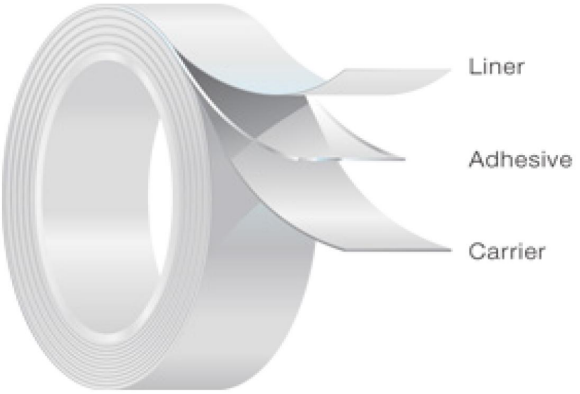
TECHNICAL DATA SHEET

MED 5745

Single coated tan nonwoven

MED 5745

MED 5745 uses a single-coated, soft, thin, tan nonwoven with an acrylic adhesive. This product's conformability offers a high degree of user comfort. The adhesive is protected by a one-side siliconized paper liner.



TYPICAL APPLICATION

Designed for IV site securement, wound care, and wearable device applications requiring comfort, and breathability.

FEATURES AND BENEFITS

- Breathable, conformable and flexible
- Biocompatible per ISO 10993
- Die-cuttable and easy to handle
- Sterilization compatibility with Ethylene Oxide (EO) and Gamma Irradiation

Product Information			
	TYPICAL VALUES		DESCRIPTION
CARRIER THICKNESS	3 mil	75 µm	Tan polyester nonwoven
ADHESIVE THICKNESS	3.4 mil	87 µm	Acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	1.9 mil	48 µm	White single-coated kraft

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Physical Properties [Not intended as a specification]			
	TEST METHOD*	TYPICAL VALUES	
Peel Adhesion to Polyethylene (PE)	TDS-01	1.2 lbs/in	5.3 N/25 mm
Quick Stick	TDS-05	2.0 lbs/in	8.9 N/25 mm
90 degree Liner Release	TDS-6	3.0 oz/2”	85 g/50 mm
Static Shear	TDS-12	260 minutes	
MVTR	TDS-16	300 g/m2/day	

MVTR, moisture vapor transmission rate.
*Test method information available upon request.

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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To learn more about how our material and adhesive science expertise can help drive your next innovation, call us

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