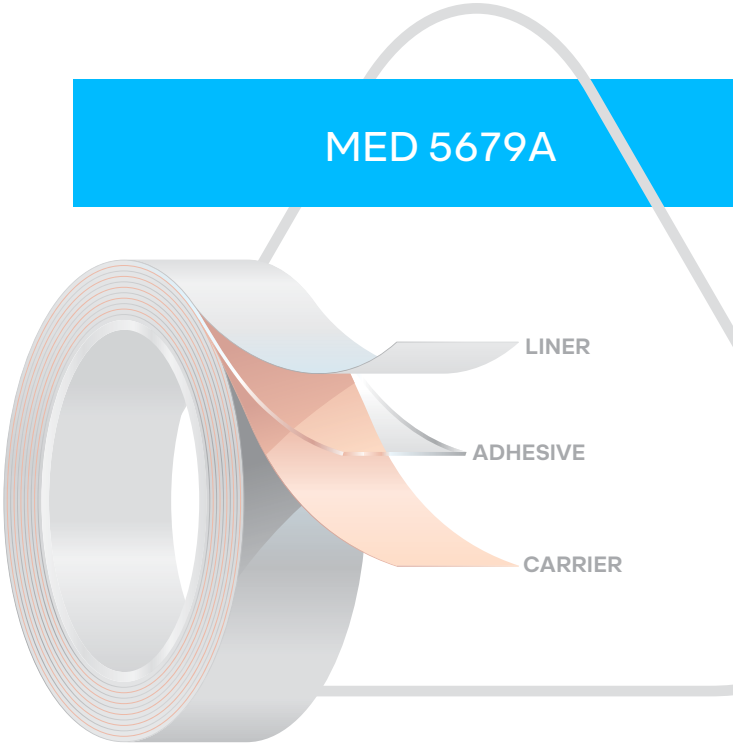
TECHNICAL DATA SHEET

MED 5679A

Single-Coated Foam



MED 5679A is a single-coated, tan, soft, conformable, closed-cell, thin polyethylene foam with an acrylic adhesive. This product's good initial tack and level of adhesion provide for a strong bond to the skin, even under stress conditions. It contains a heavy-duty liner with an easy release, ideal for converting.

TYPICAL APPLICATION

Designed for ostomy applications, mounting electrodes, grounding pads and other devices for sustained periods.

FEATURES AND BENEFITS

- Thin and conformable
- Moisture resistant
- Weldable and thermoformable
- Die-cuttable
- Gamma and EtO sterilizable

Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	19.7 mils	500 µm	Tan polyethylene foam
ADHESIVE THICKNESS	1.4 mils	35 µm	Acrylic adhesive designed for medical applications
LINER THICKNESS	2.6 mils	65 µm	White super-calendered glassine

*Refer to product specifications for material acceptance limits.

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Physical Properties [Not intended as a specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE (PE)	TDS-01	0.7 lbf/in	3.1 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-04	5.7 lbf/in	25.0 N/25 mm
LINER RELEASE	TDS-06	1.5 oz/in	40 g/25 mm
FINAT TACK	TDS-07	6.7 lbf/in	29 N/25 mm
STATIC SHEAR	TDS-12	1100 minutes	
ELONGATION			
MACHINE DIRECTION	TDS-15	700%	
CROSS DIRECTION	TDS-15	1000%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	11 lbf/in	45 N/25 mm
CROSS DIRECTION	TDS-15	8 lbf/in	35 N/25 mm

*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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US: +1 440 534 2600
Belgium: +32 14 40 48 11
Ireland: +353 43 3349586

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MTR-MKT-000240-C

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