

TECHNICAL DATA SHEET

MED 5634

Single-Coated Foam

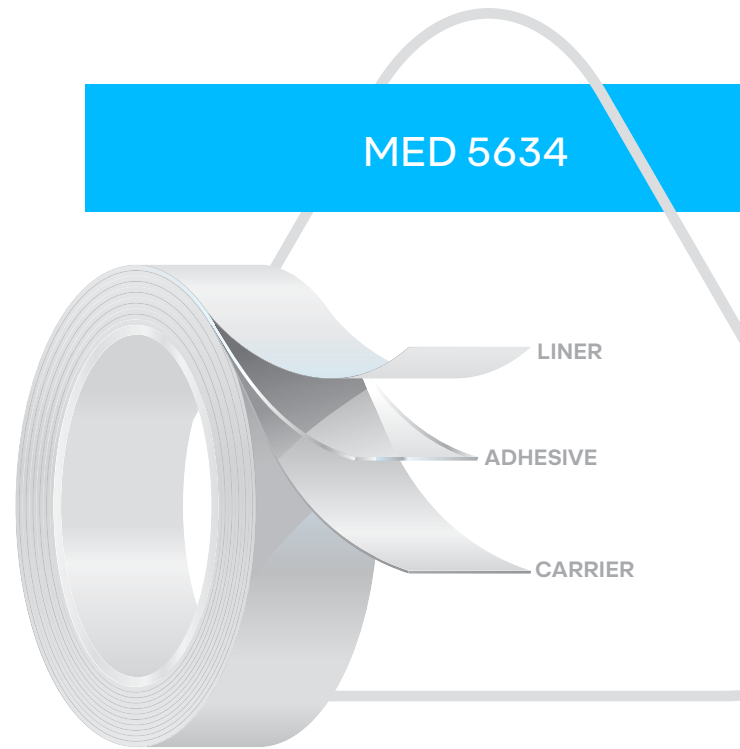
MED 5634 is a single-coated, white, soft, conformable, thick EVA foam with an acrylic adhesive. This product's high initial tack and high level of adhesion provide for a strong bond to the skin, even under stress conditions. It contains a heavy-duty liner with an easy release, ideal for converting.

TYPICAL APPLICATION

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

FEATURES AND BENEFITS

- Conformable
- Moisture resistant
- High adhesion to skin
- Die-cuttable
- Gamma and EtO sterilizable



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	125.0 mils	3175 μ m	White, closed-cell EVA foam
ADHESIVE THICKNESS	2.5 mils	65 μ m	Acrylic adhesive designed for medical applications
LINER THICKNESS	6.5 mils	165 μ m	White single-coated kraft

*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	1.4 lbf/in	6.0 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-04	6.2 lbf/in	27.0 N/25 mm
LINER RELEASE	TDS-06	2.3 oz/in	65 g/25 mm
FINAT TACK	TDS-07	9.1 lbf/in	40 N/25 mm
STATIC SHEAR	TDS-12	720 minutes	
ELONGATION			
MACHINE DIRECTION	TDS-15	350%	
CROSS DIRECTION	TDS-15	275%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	7 lbf/in	30 N/25 mm
CROSS DIRECTION	TDS-15	5 lbf/in	25 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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