

# TECHNICAL DATA SHEET

MED 5637

## Single-Coated Foam

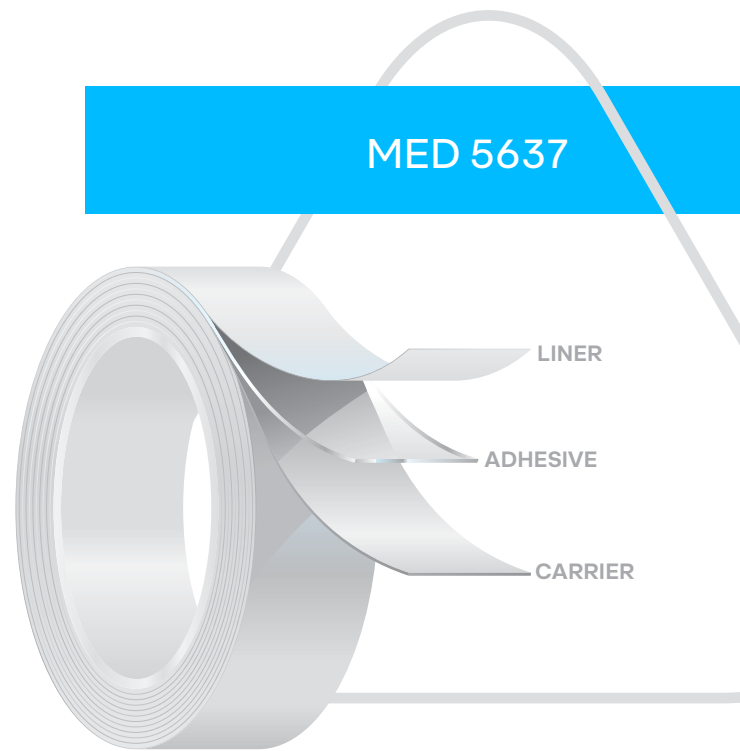
MED 5637 is a single-coated white, soft, highly conformable, thin polyethylene foam with an acrylic adhesive. This product's high tack and its level of adhesion provide for an aggressive bond to the skin under stress conditions. The product also contains a heavy duty liner with an easy release, ideal 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	1/32 in	0.8 mm	White, closed cell polyethylene foam
ADHESIVE THICKNESS	2.4 mils	60 $\mu$ m	Acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	6.5 mils	165 $\mu$ m	White single-coated kraft

\*Refer to product specifications for material acceptance limits.

## Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE	TDS-01	1.1 lbf/in	5 N/25 mm
PEEL ADHESION ON STAINLESS STEEL	TDS-04	3.4 lbf/in	15 N/25 mm
LINER RELEASE	TDS-06	2.1 oz/in	70 g/25 mm
FINAT TACK	TDS-07	12.6 lbf/in	55 N/25 mm
STATIC SHEAR	TDS-12	1720 minutes	
ELONGATION			
MACHINE DIRECTION	TDS-15	475%	
CROSS DIRECTION	TDS-15	525%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	7.4 lbf/in	33 N/25 mm
CROSS DIRECTION	TDS-15	5.1 lbf/in	23 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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