

TECHNICAL DATA SHEET

MED 5685A

Single-Coated Foam

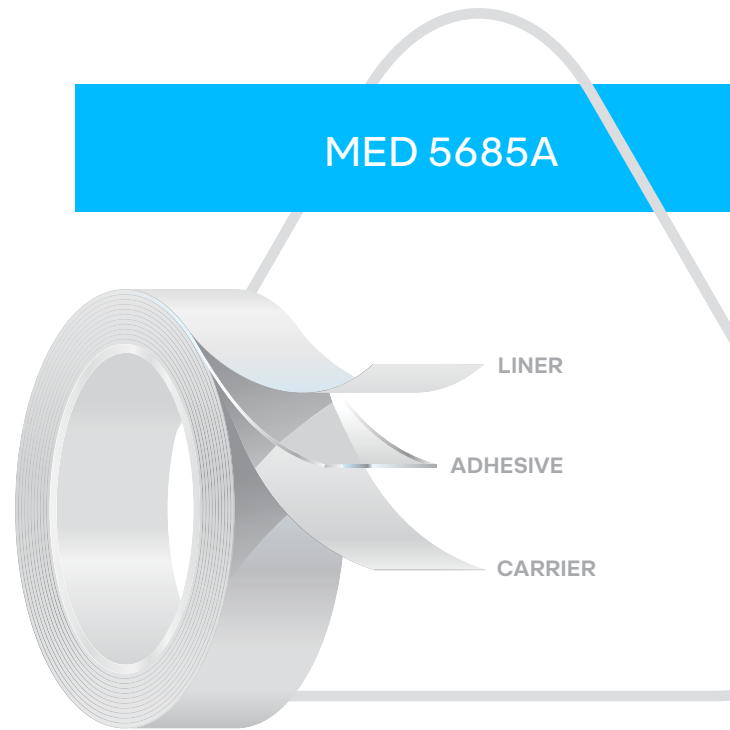
MED 5685A is a single-coated, white, soft, conformable polyethylene foam with an acrylic adhesive. This product's high tack and level of adhesion provide for a strong bond to the skin, even under stress conditions. It contains a heavy-duty liner with an easy release, ideal for converting.

TYPICAL APPLICATION

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

FEATURES AND BENEFITS

- Conformable
- Moisture resistant
- Excellent adhesion in moist conditions
- Die-cuttable
- Gamma and EtO sterilizable



Product Construction			
	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	39.4 mils	1000 µm	White polyethylene foam
ADHESIVE THICKNESS	2.0 mils	50 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.

Physical Properties [Not intended as a specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE (PE)	TDS-01	1.1 lbf/in	5.0 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-04	3.7 lbf/in	16.0 N/25 mm
LINER RELEASE	TDS-06	1.7 oz/in	50 g/25 mm
FINAT TACK	TDS-07	12.6 lbf/in	55 N/25 mm
STATIC SHEAR	TDS-12	540 minutes	
ELONGATION			
MACHINE DIRECTION	TDS-15	375%	
CROSS DIRECTION	TDS-15	350%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	7 lbf/in	35 N/25 mm
CROSS DIRECTION	TDS-15	4 lbf/in	20 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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