

TECHNICAL DATA SHEET

MED 5684U

Single-Coated Foam

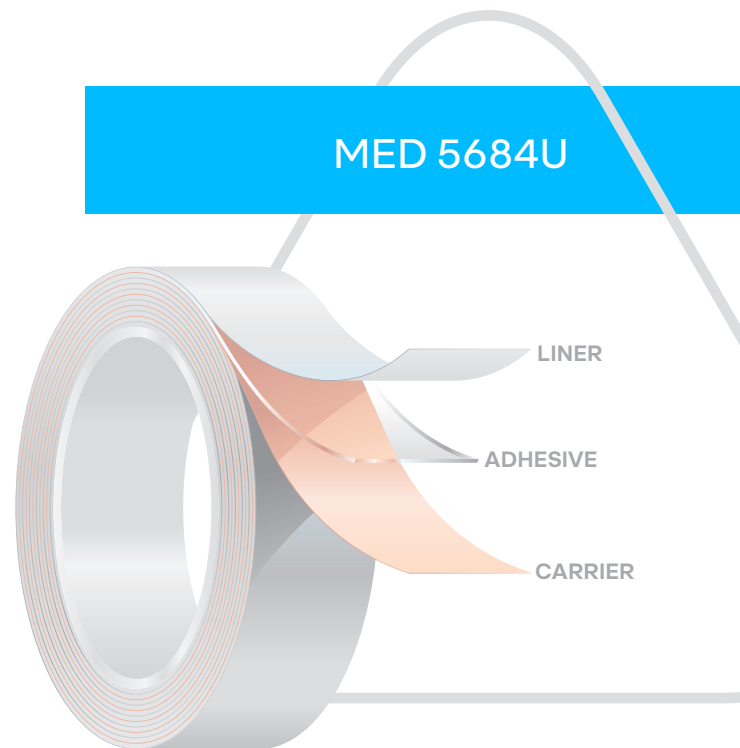
MED 5684U is a single-coated, pink, soft, conformable, thin polyethylene foam with a solventless acrylic adhesive. Its high initial tack and good level of adhesion—even under stress conditions—make this product a good match for mounting electrodes, grounding pads and other devices for sustained periods. It comes with a heavy duty liner with an easy release that is ideal for converting.

TYPICAL APPLICATION

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

FEATURES AND BENEFITS

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



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	40.0 mils	1.0 mm	Pink polyethylene foam
ADHESIVE THICKNESS	2.8 mils	70 µm	Solventless acrylic adhesive designed for medical applications
RELEASE 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	1.3 lbf/in	5.5 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-04	3.3 lbf/in	14.5 N/25 mm
LINER RELEASE	TDS-06	1.4 oz/in	40 g/25 mm
FINAT TACK	TDS-07	10.8 lbf/in	48 N/25 mm
STATIC SHEAR	TDS-12	380 minutes	
ELONGATION			
MACHINE DIRECTION	TDS-15	450%	
CROSS DIRECTION	TDS-15	375%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	6.9 lbf/in	30 N/25 mm
CROSS DIRECTION	TDS-15	3.4 lbf/in	15 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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