

TECHNICAL DATA SHEET

MED 218A

Single-Coated Foam

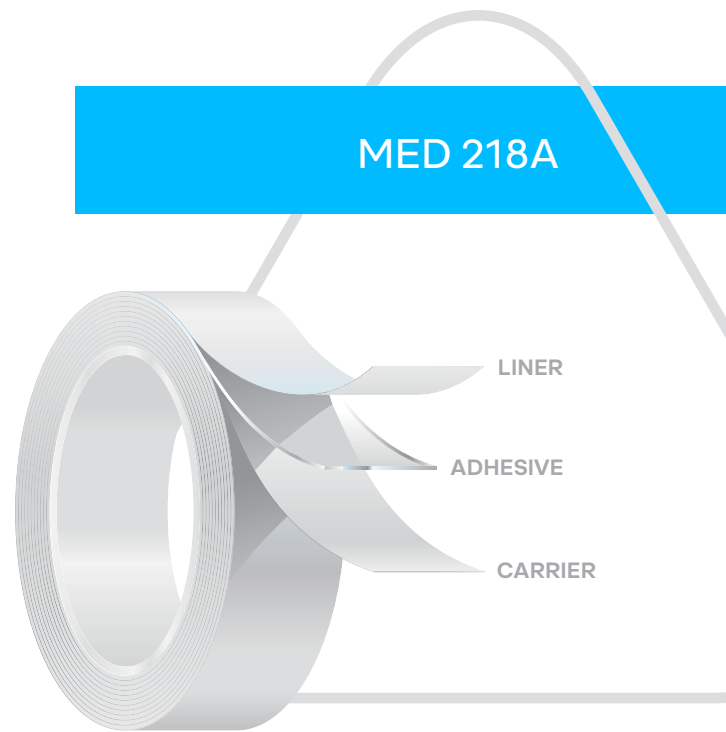
MED 218A is a single-coated white, soft, conformable, thick EVA foam with an acrylic adhesive. This product's high initial tack and high adhesion provides for an aggressive bond to the skin. The product also contains a heavy duty liner with an easy release, ideal for converting.

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	125 mils	3125 µm	White closed-cell foam
ADHESIVE THICKNESS	2.4 mils	60 µm	Acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	6.8 mils	170 µm	88# StaFlat

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE	TDS-01	0.7 lbf/in	3 N/25 mm
LINER RELEASE	TDS-06	6.1 oz/in	346 g/25 mm
FINAT TACK	TDS-07	9.4 lbf/in	41 N/25 mm
STATIC SHEAR	TDS-13	240 minutes	
ELONGATION			
MACHINE DIRECTION	TDS-15	350%	
CROSS DIRECTION	TDS-15	325%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	8 lbf/in	36 N/25 mm
CROSS DIRECTION	TDS-15	5 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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US: +1 440 534 2600

Belgium: +32 14 40 48 11

Ireland: +353 43 3349586

www.medical.averydennison.com