TECHNICAL DATA SHEET

MED 5051

Single-Coated Film

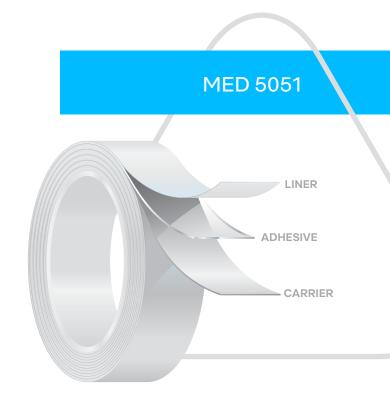
MED 5051 is a single-coated, transparent polyethylene film with an acrylic adhesive.

TYPICAL APPLICATION

Designed for multipurpose applications to include surgical tapes and the fabrication of medical devices.

FEATURES AND BENEFITS

- Transparent
- Conformable
- Moisture resistant
- Die-cuttable
- Printable
- Gamma and EtO sterilizable



Product Construction					
	TYPICAL VALUES*		DESCRIPTION		
CARRIER THICKNESS	3 mils	75 µm	Transparent polyethylene film		
ADHESIVE THICKNESS	2 mils	50 µm	Acrylic adhesive designed for medical applications		
RELEASE LINER THICKNESS	3.1 mils	80 µm	White single-coated kraft		



^{*}Refer to product specifications for material acceptance limits.

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Physical Properties [Not intended as specification]					
	TEST METHOD*	TYPICAL VALUES†			
PEEL ADHESION ON POLYETHYLENE	TDS-01	0.8 lbf/in	3.5 N/25 mm		
PEEL ADHESION ON STAINLESS STEEL	TDS-03	3.4 lbf/in	15 N/25 mm		
LINER RELEASE	TDS-06	0.9 oz/in	33 g/25 mm		
FINAT TACK	TDS-07	5.5 lbf/in	25 N/25 mm		
DYNAMIC SHEAR	TDS-10	25 lbf/in	110 N/25 mm		
ELONGATION					
MACHINE DIRECTION	TDS-15	550%			
CROSS DIRECTION	TDS-15	850%			
LOAD AT BREAK					
MACHINE DIRECTION	TDS-15	10 lbf/in	43 N/25 mm		
CROSS DIRECTION	TDS-15	8 lbf/in	35 N/25 mm		

^{*}Test method information available upon request.

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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To learn more about how our material and adhesive science expertise can help drive your next innovation, call us

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[†]Refer to product specifications for material acceptance limits.