## TECHNICAL DATA SHEET

### MED 5020

# Single-Coated Film

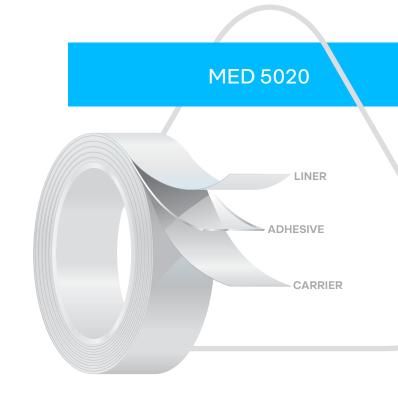
MED 5020 is a single-coated, soft, pliable, transparent polyurethane film with an acrylic adhesive. This product's thin and conformable film offers a high degree of user comfort, while its transparency allows for wound or site visibility; in some applications, it can act as a barrier to assist in decreasing the risk of bacterial infections.

#### **TYPICAL APPLICATION**

Designed for incise applications, wound care, IV securement and situations requiring high MVTR and sustained periods of wear.

#### **FEATURES AND BENEFITS**

- Thin and conformable
- Moisture resistant
- Transparent
- Breathable
- Bacteria barrier
- Die-cuttable
- Gamma and EtO sterilizable



Product Construction					
	TYPICAL VALUES*		DESCRIPTION		
CARRIER THICKNESS	1 mils	25 µm	Transparent PU film		
ADHESIVE THICKNESS	1.8 mils	45 µm	Acrylic adhesive designed for medical applications		
RELEASE LINER THICKNESS	3.2 mils	80 µm	White single-coated kraft		



<sup>\*</sup>Refer to product specifications for material acceptance limits.

#### MED 5020

## Single-Coated Film

Physical Properties [Not intended as specification]					
	TEST METHOD*	TYPICAL VALUES†			
PEEL ADHESION ON POLYETHYLENE	TDS-01	0.6 lbf/in	3 N/25 mm		
PEEL ADHESION ON STAINLESS STEEL	TDS-03	1.7 lbf/in	7.5 N/25 mm		
LINER RELEASE	TDS-06	1.1 oz/in	50 g/25 mm		
FINAT TACK	TDS-07	8 lbf/in	35 N/25 mm		
DYNAMIC SHEAR	TDS-10	48 lbf/in	210 N/25 mm		
MVTR	TDS-16	30 g/100 in² per 24 hr	500 g/m² per 24 hr		
ELONGATION					
MACHINE DIRECTION	TDS-15	2509	%		
CROSS DIRECTION	TDS-15	300%			
LOAD AT BREAK					
MACHINE DIRECTION	TDS-15	8 lbf/in	35 N/25 mm		
CROSS DIRECTION	TDS-15	6 lbf/in	28 N/25 mm		

MVTR, moisture vapor transmission rate.

†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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<sup>\*</sup>Test method information available upon request.