

TECHNICAL DATASHEET:

M1207 Double Coated Rubber Based Adhesive Tape

PRODUCT DESCRIPTION

M1207 is constructed with a specially designed, aggressive permanent adhesive on both liner and airsides.

TYPICAL APPLICATIONS

- Bonding to urethane and polyethylene foams, closed cell rubbers, cork, felt and a variety of other substrates
- Widely used in automotive applications

PRODUCT FEATURES & BENEFITS

- Aggressive permanent adhesive
- Meets flammability specifications FMVSS 302 and UL723, 25/50 smoke/spread
- Meets the requirements for skin contact applications
- Meets the requirements of 21 CFR 175.105 for indirect food contact applications
- The carrier offers additional dimensional support and enhanced die-cut ability characteristics

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
ADHESIVE THICKNESS, EXPOSED SIDE	1.6 mils	PSTC-133, ASTM D3652
ADHESIVE THICKNESS, LINER SIDE	1.4 mils	PSTC-133, ASTM D3652
CARRIER THICKNESS	0.5 mils	ASTM D3652, PSTC-133
ADHESIVE TYPE	Rubber	
ADHESIVE SYSTEM	Permanent Adhesive	
ADHESIVE BACKING/CARRIER	PET	
ADHESIVE SIDE	Double Sided Adhesive	
COLOR	Clear	
LINER	76# poly-coated kraft	
FMVSS-302	Pass	
UL723	Pass	
25/50 SMOKE/SPREAD	Pass	
POLYKEN PROBE TACK, EXPOSED SIDE, 1 SECOND DWELL, 0.5 CM/SEC	1,450 g	ASTM D2979
POLYKEN PROBE TACK, LINER SIDE, 1 SECOND DWELL, 0.5 CM/SEC	1,875 g	ASTM D2979
PEEL ADHESION, ABS - EXPOSED SIDE, 12 IPM @ 180°, 20 MINUTE DWELL	75 ozf/in	PSTC-101, ASTM D3330
PEEL ADHESION, ABS - LINER SIDE, 12 IPM @ 180°, 20 MINUTE DWELL	100 ozf/in	PSTC-101, ASTM D3330

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. H-O will provide samples for this purpose at no charge. **REV. 0**

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TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
PEEL ADHESION, SS - EXPOSED SIDE, 12 IPM @ 180°, 20 MINUTE DWELL	95 ozf/in	PSTC-101, ASTM D3330
PEEL ADHESION, SS - LINER SIDE, 12 IPM @ 180°, 20 MINUTE DWELL	115 ozf/in	PSTC-101, ASTM D3330
SHEAR ADHESION, EXPOSED SIDE (1" x 1", 500 & 1,000 GRAMS)	>10,000 minutes	ASTM D3654, PSTC-107
SHEAR ADHESION, LINER SIDE (1" x 1", 500 & 1,000 GRAMS)	>10,000 minutes	ASTM D3654, PSTC-107
APPLICATION TEMPERATURE RANGE	50°F to 100°F	
ELEVATED TEMPERATURE TEST, EXPOSED SIDE	180°F	ASTM D4498 - MODIFIED
ELEVATED TEMPERATURE TEST, LINER SIDE	185°F	ASTM D4498 - MODIFIED
21 CFR 175.105 FOR INDIRECT FOOD CONTACT APPLICATIONS	Pass	

SHELF LIFE/STORAGE	
SHELF LIFE	Within one year of purchase, if stored with protective packaging in a controlled environment
RECOMMENDED STORAGE CONDITIONS	72°F and 50% RH, out of direct sunlight.

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