



# PAM™ (Permanent Assembly/Mounting) Heat Activated Adhesive

**DESCRIPTION:**

PAM™ is a heat-activated double sided adhesive film that has been specifically engineered to assemble similar or dissimilar materials including plastics, foam, cardboard, paper, wood, metal and other substrates.

**CHARACTERISTICS:**

- Replaces the need for messy glues, welding, pressure sensitive films or double sided tape.
- Aggressive adhesive marries most materials together.
- Alleviates the waste and cost of carrier sheets.
- Available in sheet and roll form.
- Ideal for membrane switch, appliance, packaging, electronic, sport-equipment, show display and other applications that require assembly.

**TECHNICAL DATA:**

PROPERTIES		3 MIL 1/1/1	6 MIL 2/2/2	6 MIL 1/4/1	.008 MIL 2/4/2	10 MIL 3/4/3	ASTM	
		CLEAR		WHITE				
THICKNESS ± 10%	in	.003	.006		.008	.010		
	µ	76	152					
SURFACE TENSION - dyne - adhesive side/cm2		52 to 56						
TENSILE STRENGTH ± 10%	psi	MD	9,000		10,000	7,500	6,000	D 882
		TD	10,500		13,000	10,000	8,000	
	N/cm <sup>2</sup>	MD	6,200		6,900	5,200	4,100	
		TD	7,200		9,000	6,900	5,500	
ELONGATION - %	MD	90		110				
	TD	80		90				
YIELD	in <sup>2</sup> /lb	8,470	4,230	3,710	2,970	2,470		
	m <sup>2</sup> /kg	12.1	6.0	5.3	4.2	3.5		
LAMINATING TEMPERATURE RANGE - internal	°F	230° to 250°						
	°C	100° to 120°						
BOND STRENGTH - p/l - laminated to itself	lb/in	8	12	7	10	12		
	N/cm	14	21	12	17	21		

**NOTE:** All information, recommendations and suggestions contained herein, including, without limitations, stated values (collectively the "Information") shall be used only as a guide by Purchaser and not for specification or any other purpose. The Information does not constitute a warranty nor guaranty of any type whatsoever. Purchaser should independently determine the suitability of all material purchased and must confirm adaptability and other characteristics by conducting its own tests. Transilwrap shall have no liability as a result of any loss, expense, damage, cost or other injury which results from Purchaser's reliance on the Information.

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