



Technical Data Sheet

Pres-On FFVSA-5 Acrylic Adhesive

- Designed for high performance OEM and Assembly
- Exhibits outstanding adhesion and holding power
- Application on wood, painted surfaces, plastics
- Extremely durable and resistant to water, humidity and aging

GENERAL DESCRIPTION

FFVSA-5

FFVSA-5 is a high performance, low surface energy, acrylic adhesive. The adhesive exhibits good initial tack, ultimately building to high adhesion and holding power, for difficult to stick to surfaces including wood, paints and plastics. The adhesive has excellent environmental resistance and aging properties.

APPLICATIONS

FFVSA-5 Acrylic Adhesive is ideal for attaching a wide range of materials when high-initial adhesion is required. Suggested applications include:

- Laminating plastic nameplates, metal, foams and fabrics.
- Mounting, holding and fastening.
- Splicing of film, fabric and foils.

STANDARD ROLL SIZES

Available in widths from
3/16" to 54"

SERIAL NUMBER	THICKNESS	LENGTH
FFVSA-5	.005	180 yards

ADHESION PROPERTIES

TEST	TYPICAL PERFORMANCE	TEST METHOD
Applied to PE Foam		
Adhesion @ 72°F to the following:		
Steel, Immediate	3.5 lbs./in width	PSTC-1
Steel after 24 hrs	6 lbs./in width	PSTC-1
Polystyrene Immediate	5.0 lbs./in width	PSTC-1
Polystyrene after 24 hrs	6 lbs./in width	PSTC-1
Powder Paint, Immediate	3.5 lbs./in width	PSTC-1
Powder Paint after 24 hrs	6 lbs./in width	PSTC-1
Static Shear @ 72°F 1 x 1 x 500 grams	indefinite	PSTC-7
Static Shear @ 72°F 1 x 1 x 1000 grams	200 hours minimum	PSTC-7
Water and Humidity Resistance	excellent	Pres-on PTM-3
UV Resistance	excellent	Pres-on PTM-4
Application Temperature	45° F to 80° F	Pres-on PTM-1
Service Temperature	-40° F to 225° F	Pres-on PTM-2
Shelf Life	1 year when stored at room temperature	

**PERFORMANCE
REQUIREMENTS TEST**

TEST	TYPICAL PERFORMANCE	TEST METHOD
Applied to 2 mil. Mylar Film		
Loop Tack:	80 oz/in. typical	TLMI LIB1
Adhesion to Steel, 15 minute dwell	3 lbs./in	PSTC-1
Adhesion to Steel, 24 hr dwell	5 lbs/in minimum	PSTC-1
Shear 1" x 1", 500gms:	indefinite	PSTC-7
Shear 1" x1", 1000gms:	200 hrs. minimum	PSTC-7

The actual performance of this or any products depends upon the actual conditions and substrates being used. The above information is typical and expected performance and should not be used in place of or in lieu of any written or implied warrantee. 3/3/08

CROSS REFERENCE

3M Adhesive Family #300 LSE, 9471 (2mil), 9472 (5mil), 9400 Series 3M product line

APPLICATION NOTES

Thoroughly clean contact surface before use. Once tape has been applied, it cannot be removed and reused. Therefore, position tape carefully, assuring that it is in contact with all surfaces. If tape is misaligned, remove used unit, discard and repeat application with new unit. Test product for system compatibility as individual application conditions can impact results. Pres-On does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.