



# TECHNICAL DATA

## MANUS-BOND 75-AM HV HIGH PERFORMANCE ELASTOMERIC ADHESIVE/SEALANT

### 1. PRODUCT DESCRIPTION:

Manus-Bond 75-AM HV exhibits adhesion to many substrates including aluminum, brass, steel, granite, marble, wood and many plastics. Cures fast, even at low temperatures. 75-AM HV is highly weather resistant and can be painted with most paints. Contains no solvents or isocyanates and is non-yellowing. Conforms to ASTM C920 Class 12 1/2. USDA accepted.

### 2. TECHNICAL DATA:

Skin Time (minutes) 75°F 50% RH	30
Viscosity (cps) Spindle T-E at 5 rpms	700,000-800,000 cps
Elongation at break % *Rate = 1"/minute	275%
Tensile Strength *Rate = 1"/minute	225 psi
Lap Shear *Rate = 2"/minute	275 psi
Hardness Shore A	50
Service Temperature	-75°F to 350°F
UV Ratings	After 2000 hours UV-A no change in appearance Or physical properties (ASTM G26)

3. **PACKAGING:**  
10.1 fl.oz. cartridge, 10 and 20 fl.oz. sausage packs, 1 gallon, 5 gallon and 55 gallon containers
4. **SURFACE PREPARATION:**  
Apply to clean, dry surfaces free of contaminants that can adversely affect adhesion. Remove all old sealant before applying 75AM-HV. Some substrate materials may not be compatible with this product. Testing a small area for compatibility is recommended.
5. **PAINTING:**  
Cured product may be painted with most industrial & consumer paints. Testing prior to painting is recommended.
6. **STORAGE LIFE:**  
12 months in unopened containers at temperatures not exceeding 80°F.
7. **PRECAUTIONS:**  
Some applications may not be compatible with this product. Some cleaners, solvents may not be compatible with this product. Testing suitability for intended application before proceeding with full application is recommended. Use with adequate ventilation. Inhalation of vapor during application and cure may cause slight eye or throat irritation. In case of contact with eyes, lips, or mouth, flush thoroughly with water. If irritation persists, consult a physician. Avoid repeated, prolonged contact with skin. See MSDS for additional information. **KEEP OUT OF REACH FROM CHILDREN.**
8. **TECHNICAL SERVICE:**  
Manus technical representatives are always available to provide assistance. Please contact our Technical Service Department with your questions or requests for specific applications.
9. **LIMITED WARRANTY:**  
Any goods prove defective will be replaced or the purchase price refunded. The limited warranty described herein is in lieu of any other warranty, expressed or implied, including any implied warranty of merchantability or fitness for a particular use. The user shall determine suitability of the product for its intended use. Liability for any incidental or consequential damage or loss is excluded. The user assumes all risks of the product's use, handling and storage.

## **MANUS PRODUCTS INC.**

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