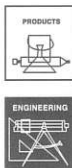


HI-COMPRESSION TAPES
ADHESIVES • SEALANTS
SPECIAL INDUSTRIAL PAINTS
CUSTOM MECHANICAL EQUIPMENT

SALES • SERVICE ENGINEERING
CONSULTING ENGINEERING
NEW PRODUCT DESIGN



TECHNICAL DATA

MANUS-BOND 73-A

100% SILICONE RUBBER ADHESIVE/SEALANT

1. PRODUCT DESCRIPTION:

Manus-Bond 73-A is a one component room temperature curing silicone elastomeric adhesive/sealant. Does not require the addition of activators or catalysts. Especially designed for bonding and sealing a wide variety of structural materials such as glass, steel, aluminum and plastics and has exceptional resistance to weathering and temperature extremes. Conforms to Federal Specifications TT-S-0230C and TT-S-01543A. Also conforms to ASTM C920 and AAMA 802.3-92, Types I and II. Clear, white and black, when properly cured, meet the requirements of FDA regulation 21CFR 177.2600. USDA Accepted.

2. TECHNICAL DATA:

Complete Cure	4 days
Tack Free Time	30 minutes
Rheological Properties - Flow	
Vertical @ 122°F	None
@ 40°F	None
Horizontal @ 122°F	None
@ 40°F	None
Extrusion Rate	2 seconds
Hardness (Shore A)	25
Effects of Heat Aging	
Weight Loss	3.0%
Cracking	None
Chalking	None
Stain & Color Change	No staining or vehicle migration
Durability	
Glass	No bond loss
Aluminum	No bond loss
Bubble Formation	Conforms



2. TECHNICAL DATA: (cont.)

Tensile Strength	280 psi
Adhesion-in-Peel	
Glass	12 pli, No adh. loss
Aluminum	15 pli, No adh. loss
Adhesion-in-Peel	
After UV Through Glass	7 pli, No adh. loss
Service Temperature	-80°F to 400°F

3. COLORS

Clear, white, aluminum, black, bronze. Other colors available upon request.

4. PACKAGING:

10.3 fl. oz. cartridges, 1, 5, & 55 gallon containers.

5. SURFACE PREPARATION:

Apply to clean, dry surfaces free of contaminants that can adversely affect adhesion. Remove all old sealant before applying 73-A.

6. PAINTING:

Painting is not recommended over any silicone. If your application requires a paintable sealant, consult Manus Products for recommended alternatives.

7. STORAGE LIFE:

Minimum one year in unopened containers at temperatures not exceeding 80°F.

8. PRECAUTIONS:

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. Do not take internally. See MSDS for additional information. **KEEP OUT OF REACH OF CHILDREN.**

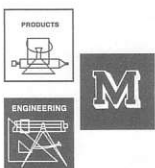
9. TECHNICAL SERVICE:

Manus technical representatives are always available to provide assistance. Please contact our Technical Service Department with your questions or requests for specific applications.

10. LIMITED WARRANTY:

Any goods proved 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.

Distributed by



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