

FLEXIL-M HM TRANS SEALANT

1. DESCRIPTION

Flexil-M HM Trans Sealant is a one part acetic cure silicone rubber.

2. ADVANTAGES

- High Modulus Acetic cure silicone sealant
- Fast cure, durable 100% silicone rubber sealant
- Strong & Flexible, high quality sealing & bonding
- Long term weather sealing for PVCu frames
- Excellent adhesion most non porous surfaces
- Bright glossy colours - Low dirt pickup

3. APPLICATIONS

- All glazing and sealing. Aquarium construction
- General bonding applications in marine, aircraft and auto industries.
- Cold stores, refrigerators, bathroom, kitchen.
- Fungicide type available for sanitary work.
- BS 6920 potable water contact.

4. CHARACTERISTICS

a) CONSTITUENTS:

	Flexil-M HM Trans Sealant
Specific Gravity	1.03
Application Rate, ml/10 sec	5-15
Sag ISO 7390	Non sag
Tooling Time (minutes)	5
Tack Free Time (minutes)	10-25
Full Cure	1-2mm per day 23°C @ 50%rH
Application Temperature	-30°C to 50°C
Shrinkage (during vulcanization)	3.5% ISO 10563

b) AFTER CROSSLINKING

Shore Hardness/A [ISO 868]	20
Modulus @ 100% Elongation [ISO37 rod S1]	0.35
Tensile Strength /Mpa [ISO 37 rod S1]	1
Elongation at break 1% [ISO 37 rod S1]	550
Tear Strength KN/m [ISO 34, Method C]	4.0 N/mm
Temperature Resistance	-50°C to +180°C
Recovery 100% Extension	95%
Water Vapour Permeability (2mm film)	23 g/M2d

Information contained in this document is the result of careful tests carried out objectively. It has been produced to aid the Buyer, but without implying any commitment on our part. The Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended purpose. Since we cannot control the application, process, or use of these products, we cannot accept responsibility therefore.

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5. PACKING

Available in 300ml carts and boxes of 25 carts.

6. HEALTH & SAFETY

(Refer to Health & Safety Data Sheet)

Handling and mixing of **Flexil-M HM Trans Sealant** require the following precautions:

- i) Avoid swallowing, skin or eye contact.
- ii) Product releases acetic acid during application and curing. Use mechanical ventilation to stay below TLV of 10ppm acetic acid.
- iii) If contact does occur, wash with clean water immediately and in the case of eye contact, consult a doctor.

7. SHELF LIFE

Flexil-M HM Trans Sealant has a minimum shelf life of six months when stored in unopened cartridges at temperatures between 18 and 25°C.

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