



TVM HTA-10 High Temperature Silicone

Product Description:

TVM High Temperature Silicone Sealant is a high quality elastic sealant that cures to form a vibration resistant, low modulus, water resistant seal. TVM High Temperature Silicone has been specially formulated to resist high temperatures while adhering to a wide range of materials. This product has a tack-free time of 20 minutes or less and a cure time of 24 hours for 1/8" cross sections.

Colors and Packaging:

Table with 3 columns: Property (Size, Package, Color, Part No.), 10.1 fl.oz. Cartridge Red 1-24-12-003, 2.8 fl.oz. Squeeze Tube Red 1-24-10-003

Features:

- Acetox cure, Remains permanently elastic after curing, High modulus, -85°F-500°F (-65°C-260°C) Continuous exposure temperature range, Up to 600°F (315°C) intermittent maximum, Excellent adhesion on metal, glass and glazed substrates

Applications:

- Sealing and encapsulating heating elements, Gaskets in pumps and motors, Aerospace gasketing, All sealant applications which require high temperature resistance

Compatible Surfaces:

- Metal, Glass, Glazed surfaces, Not suitable for Polyethylene or Polypropylene

Application Notes:

- Always perform preliminary compatibility test, Porous surfaces must be primed, Ensure application surface is clean, dry, free of dust and grease

Recommended Joint Dimensions:

Minimum Width: 3/16" (5 mm), Maximum Width: 1-1/8" (30 mm), Minimum Depth: 3/16" (5 mm), Recommendation: width = 2 x depth

Warranty and Shelf Life:

TVM warrants that product shall meet its specifications and be free of defects in workmanship. Please see www.tvmi.com for full warranty information. Unopened product has a 12 month shelf life when stored in a cool, dry place with temperatures between 40°F and 90°F (4°C and 32°C). Do not expose to frost.

Health and Safety Recommendations:

- Apply standard industrial hygiene, In case of emergency, contact INFOTRAC at 1.800.535.5053, Please consult product label and MSDS for additional safety information.



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www.tvmi.com



TDS -0124-10



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Remarks:

Due to the acetic character of TVM High Temperature Silicone Sealant, some metals such as copper and lead may stain when in contact with this product. Do not use this material on natural stone or bituminous substrates.

Physical Properties:

Table with 2 columns: Property and Value. Rows include Base (Silicone), Consistency (Paste), Extrusion rate (335 g/minute), Flow Rate (Nil), Theoretical Yield (99LF @ 1/8" x 1/8" 33LM @ 3mm x 3mm), Curing System (Acetoxy Cure), Tack-Free Time (17 minutes), Cure Time (24 hrs), Hardness (26 Shore A), Specific Gravity (1.01), Application Temperature (41°F to 95°F), Temperature Resistance (-85°F to 500°F), Thermal Conductivity (0.45 x 10^-3 cal/(cm·°C·sec)^-1), Elongation at Break (600%), Maximum Tension (350 psi), Brittle Point (-80°F), and VOC (32g/liter 3.14% by weight).

Shipping Specifications:

Table with 6 columns: Size, Units/Case, Case Weight, Dimensions (L" x W" x H") Case, Dimensions (L" x W" x H") Pallet, Cases/Pallet, and Pallet Weight. Row 1: 10.1 fl.oz. (300 ml), 12, 10 lbs, 8 x 6.5 x 10, 48 x 40 x 40, 144, 1440 lbs.

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CUSTOMER SERVICE and SALES

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