



PermaTherm

Insulation Innovation

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PermaTherm[®]

907 Butyl Rubber Sealant

Typical Properties

Specific Gravity	1.62 g/cc
Weight per gallon	12-15 lbs.
Shrinkage	10% Max.
Flexibility	No cracking, separation or loss of adhesion of a 3/8" diameter bead on galvanized steel when bent at -60°F over a 1/4" mandrel after being subjected to three cycles of: 16 hours at 158°F 8 hours at 0°F 2 days at 77°F.
after first conditioning for Slump – ASTM-D-2202	0.5" at 158°F

*Information on this data sheet is subject to change without notice and should not be used for writing specifications.

For additional information on specific applications contact PermaTherm, Inc.

Uses:

- Seals PermaTherm Pipe Insulation
- Seals PermaTherm Cold Room Panels
- Seals PermaTherm Fitting and Valve Insulation
- Filling and caulking joints in air conditioning ducts
- **Excellent sealant for sealing joints in sheet metal.**

Color: White

Storage and Shelf Life:

Do not store at high temperatures above 100°F. When stored in original unopened containers at or below 90°F (32°C), PermaTherm 907 Butyl Rubber Sealant has a shelf life of 12 months from date of shipment.

Description:

PermaTherm Butyl Rubber Sealant is a one component skinning product for sealing. Provides excellent adhesion to metal, wood, and masonry substrates.

Specifications:

PermaTherm® 907 meets or exceeds the following: TT-S-001657, TT-C-1796A, Type 1, Class A. 907 meets FDA Regulation, food additives, subpart F, sub-paragraph 175.105 being composed of ingredients acceptable for packing and transporting food. 907 is acceptable to the U.S. Department of Agriculture for use in meat and poultry processing areas under Federal Inspection.

How to Use:

Application: Apply with caulking gun or various pumps between 40°F and 150°F. Pumpability information: Severs Pheometer .104" orifice, 40 psi – 7/15 seconds. Can be pumped from 5 gallon and 55 gallon drums with a line pressure of 80-100 lbs. of air pressure, using a pump ratio of 80 to 1 at 70°F.

Bubble Formation: Will not exceed 25% of surface after 72 hours at 158°F.

Weatherometer: 1,000 hours with very slight yellowing of the white grade.

S-1 Sunlamp Exposure: 1,000 hours – no apparent change.

Stain and Corrosivity:

1. None as prescribed in ASTM-D925, Method A.
2. No pitting or corrosion of aluminum or galvanized. After 7 days aging of the sealant on the metals in water at 158°F.
3. Copper staining – no evidence of darkening, etching or salt deposits on the copper after 7 days storage of polished copper in the sealant at 158°F.
4. Exterior exposure = no evidence of pitting or galvanized steel covered by bead of sealant after one year exposure on 45° rack facing south on Florida sun.

Water Immersion: Two weeks in water – no effect.

Effect on Materials: Wood – none. Polystyrene Foam – none. Aluminum – none. Various other metals – none.

Caution: Combustible – contains Petroleum Distillate. Use with adequate ventilation. Avoid eye and skin contact. On contact, uncured sealant could cause irritation to the skin and eyes. In case of eye contact, flush with warm water for 15 minutes and call a physician. For skin contact, remove sealant with a paper towel. If swallowed do not induce vomiting. **KEEP OUT OF REACH OF CHILDREN.**

Packaging: PermaTherm 907 Butyl Rubber Sealant is available in 10.3 Fl. Oz. Cartridges, 5 gallon pails, and 55 gallon drums. Other sizes available upon request.

Freight Classification: Caulking compound, NOBIN. No red label required.

Users Please Read: The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses or the conditions of use to which this product may be put, no warranties concerning fitness or suitability for a particular use or purpose are made.

You should thoroughly test any proposed use of our products and independently conclude satisfactory performance in your application. Likewise, if the manner in which our products are used requires governmental approval or clearance, it is the sole responsibility of the user to obtain such authorization. The supplier warrants only that its products will meet its specifications. There is not a warranty of merchantability or fitness for use, nor any other express or implied warranty. The user's exclusive remedy and the supplier's sole liability is limited to refund of the purchase price or replacement of any product shown to be otherwise than was warranted. The supplier will not be liable for incidental or consequential damages of any kind.

Suggestions of uses should not be taken as inducements to infringe any patents.