TremPro® 644 HT
High Temperature Silicone Sealant

Product Description
TremPro® 644 High Temperature Silicone Sealant is a one-part, ready-to-use silicone sealant. It has a paste-like consistency and cures to silicone rubber at room temperature.

Basic Uses
The paste-like consistency of TremPro 644 High Temperature Sealant is easily gappable and can be applied to vertical and overhead surfaces where use of pourable self-leveling sealants would not be practical.

This silicone sealant may be used in thicknesses up to 1/4" (6 mm) for bonding and sealing, joining metals and plastics, and electrical insulation.

TremPro 644 High Temperature Silicone is specially designed for:
- High temperature situations, such as fireplace frames.
- Sealing joints between most non-porous materials such as glass, aluminum, metal and metal alloys.

Features and Benefits
- Continuous operation temperature range from -75 °F to 500 °F (up to 600 °F intermittently)
- One-part
- Thixotropic paste consistency
- Room temperature cure
- Excellent electrical insulation properties
- Excellent resistance to weather, ozone, UV and chemicals

Packaging
10.1-oz (300-mL) cartridges

Colors
High temperature red

Availability
Immediately available from your local Tremco Field Representative, Tremco Distributor or Tremco Warehouse.

Limitations
- Do not apply over damp or contaminated surfaces.
- Use with adequate ventilation.
- Do not use on galvanized steel, lead or copper.

Substrate Preparation
For good adhesion, the joint surface must be sound, clean and dry. Depending on the substrate, the joint surface may require a thorough wire brushing with a steel wool or Scotch Brite pad and/or solvent wipe.

Application
Damaged sealant can be repaired. Consult Tremco Technical Services or your local Tremco Sales Representative for repair procedures.

Clean Up
Tool after application to ensure firm, intimate contact with the joint interface. Dry tooling is preferred. Excess sealant and smears adjacent to the joint can be removed with IPA or MEK before sealant cures.

Warranty
Tremco warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Tremco makes no other warranty, expressed or implied including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to Tremco Products. Tremco’s sole obligation shall be, at its option, to replace, or refund the purchase price of the quantity of Tremco Products proven to be defective and Tremco shall not be liable for any loss or damage.

Please refer to our website at www.tremcosealants.com for the most up-to-date Product Data Sheets.

NOTE: All Tremco Safety Data Sheets (SDS) are in alignment with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) requirements.

TYPICAL PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>TEST METHOD</th>
<th>TYPICAL VALUES</th>
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</thead>
<tbody>
<tr>
<td>Cure Time (1/8&quot; thickness)</td>
<td></td>
<td>24 hr</td>
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<tr>
<td>Elongation</td>
<td></td>
<td>425%</td>
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<tr>
<td>Peel Strength on Aluminum</td>
<td>ASTM C861</td>
<td>15 to 20 pli</td>
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<tr>
<td>Shore A Hardness</td>
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<td>25</td>
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<tr>
<td>Tack Free Time</td>
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<td>30 min</td>
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<tr>
<td>Tensile Strength</td>
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<td>175 to 200 psi</td>
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Tremco Commercial Sealants & Waterproofing

www.tremcosealants.com