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### PRODUCT DESCRIPTION

TREMPRO® 644 High Temperature Silicone Sealant is a medium modulus, single-component, acetoxy cure silicone sealant that has been formulated to maintain functionality when installed in high temperature environments. This medium modulus sealant has a paste-like consistency and cures to silicone rubber when exposed to moisture in the air at room temperature.

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### BASIC USES

TREMPRO 644 HT can be used in thicknesses up to 1/4" (6 mm) for bonding and sealing, joining metals and plastics, and electrical insulation. It has been 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

TREMPRO 644 HT has been formulated to perform at temperatures ranging from -75 to 500 °F (-59 to 260 °C) under continuous operating conditions. Additionally, it can withstand temperatures as high as 316 °C (600 °F) during intermittent exposure.

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### FEATURES AND BENEFITS

TREMPRO 644 HT is a convenient, ready-to-use silicone sealant that will bond to most non-porous materials and many porous materials to provide a long-lasting seal. It provides a continuous operation temperature range from -75 to 500 °F and up to 600 °F intermittently, making it ideal for high temperature sealing applications. TREMPRO 644 HT also has excellent electrical insulation properties.

- Cures at room temperature
- Excellent resistance to weather, ozone, UV, and chemicals

The easily gunnable, non-sag nature of TREMPRO 644 HT allows it to be installed on vertical and overhead surfaces where the use of pourable self-leveling sealants would not be practical.

- One-part silicone sealant
- Thixotropic paste consistency

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### AVAILABILITY

Immediately available from your local Tremco Sales Representative, Tremco Distributor, or Tremco Warehouse in 10.1 oz (300 mL) cartridges.

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### COLORS

Available in High Temperature Red.

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### LIMITATIONS

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

## WARRANTY

A repair or replacement warranty is available on all Tremco products. Visit <https://www.tremcosealants.com/warranties/> for details.

TYPICAL PHYSICAL PROPERTIES		
PROPERTY	TEST METHOD	TYPICAL RESULTS
Tack Free Time		30 min
Cure Time (1/8" Thickness)		24 hours
Elongation		425%
Peel Strength on Aluminum		15 to 20 pli
Hardness (Shore A)	ASTM C661	25
Tensile Strength		175 to 200 psi

Please refer to our website at [www.tremcosealants.com](http://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.**

TP644HT-DS/1025

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