

## Technical Data Sheet

**SolarBond** High temperature is a one-part, non-slumping 100% silicone sealant / adhesive. It cures when it is exposed to moisture in the air to form a tough rubbery seal.

**SolarBond HT** High temperature was formulated to perform at temperatures ranging from  $-65^{\circ}\text{C}$  to  $260^{\circ}\text{C}$  ( $-85^{\circ}\text{F}$  to  $500^{\circ}\text{F}$ ) under continuous operating conditions. During intermittent exposure, SolarBond HT will withstand temperatures as high as  $316^{\circ}\text{C}$  ( $600^{\circ}\text{F}$ )

### Applications:

**SolarBond HT** is ideally suited for sealing and bonding high temperature terminations within a SolarClad system where Stainless Steel end caps are used and heat trace cabling encapsulations. It is also used in applications for other critical bonding, sealing, potting, encapsulating and protective coatings where parts must perform at high temperatures.



# SolarBond HT

## Product Data

Basis	One part moisture cure sealant
Color	Red
Packaging	300ml cartridge
Specific gravity	1.01
Viscosity flow	Non Sag
Tack free time	15 minutes at 20° C (77F) and 50% R.H.
Cure time	3.2 mm per day. Full cure 3days
Pull of strength	>2.2mPa at RT 23°C
Hardness	Shore A
Tensile Strength	2.4 MPa (350 psi)
Elongation	500%

## Application Data

Application Temperature -5° C to 40° C. Substrates must be clean and free of dust and grease.

## Storage and Shelf Life

Store in tightly closed original boxes, in a dry place at a temperature below 35° C without direct sunlight. Shelf life 12 months

## Safety

Do not use in direct contact with fuels such as gasoline or diesel fuel. Safety data sheet available upon request.



PO Box 54992  
Dubai Airport Free Zone  
Dubai United Arab Emirates  
Tel: +971 4 6091932  
Fax: +971 4 6091933  
Email: [info@solartechuv.com](mailto:info@solartechuv.com)  
Website: [www.solartechuv.com](http://www.solartechuv.com)

SOLARTECH Agent:

**Note:** SolarRoll PE55 is a product of Solartech International Ltd BVI company. This product is **EXCLUSIVELY** manufactured Under Licensed by Greentech Thermal Insulation Products Manufacturing LLC, U.A.E.

**DISCLAIMER :** The information contained herein is to the best of our knowledge accurate and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their particular purpose. In no event shall SolarTech International Limited be liable for consequent or incidental damages.