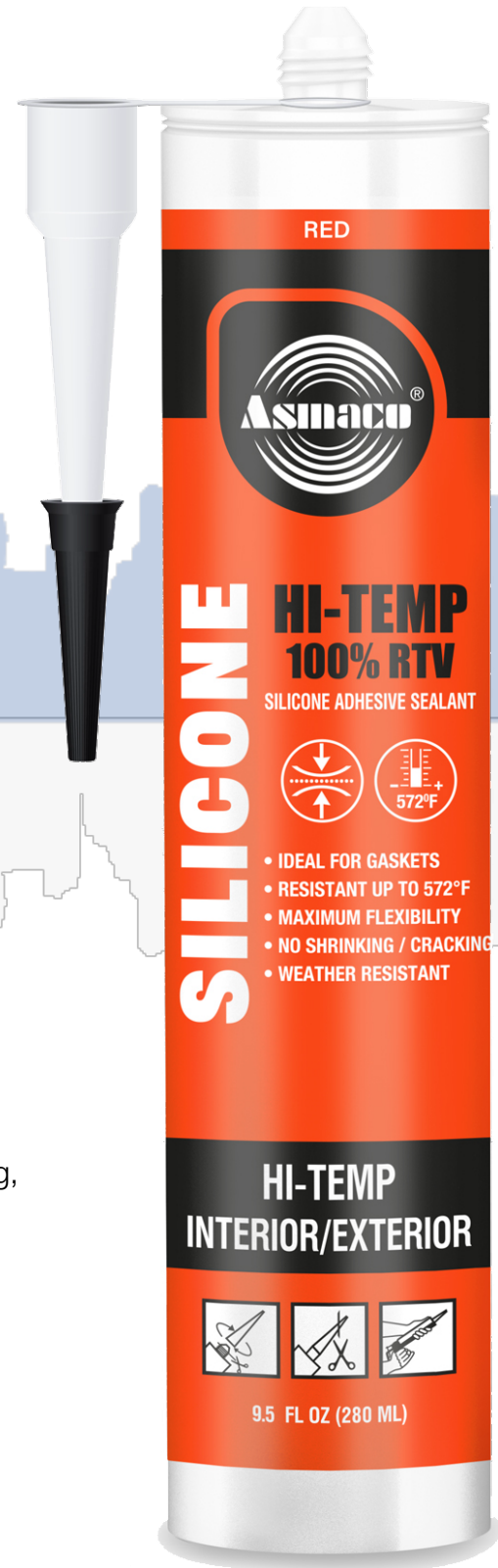


**100% RTV Silicone****Asmaco Hi-Temp Silicone**

Asmaco Hi-Temp 100% RTV Silicone is a high performance sealant intended for use in high temperature applications like heating elements, duct work, pipes and vents. It provides a long-lasting, flexible, durable seal that is resistant to weathering and bonds to most common building materials and can be used for temperatures up to 572F.

**Product Details:**

- 100% RTV Silicone
- 100% Weatherproof
- 7yr Mold & Mildew Protection
- Same-Day Rain Ready
- Excellent Flexibility
- Excellent Adhesion
- Meets ASTM C-920, Class 25
- Shrink & Crack-proof
- UV Resistant
- Won't stain most common substrates
- Non-Paintable

Product Applications:

- Ideal for Gaskets
- Sealing & Encapsulating Elements in Appliances
- Stove & Furnace Vent Pipes
- Moving Oven Belts
- Industrial Ovens
- Bag Filters On Smoke Stacks
- Other High Temperature Bonding, Sealing, Encapsulation, and Potting Applications
- Construction Sealant
- Caulking Joints in Equipment & Sheet Metal Stacking in the Insulation Industry

Packaging:

- Colors: Red
- 9.5 fl oz cartridges x 24 pcs



Technical Data

PROPERTIES	TYPICAL VALUES	TEST STANDARDS
UNCURED PHYSICAL PROPERTIES		
Base	Polysiloxane	-
Appearance / Consistency	Thixotropic (Non-Sag)	-
Curing Mechanism	Moisture Cure	-
Shelf Life	12 Months	Stored Between 40°F - 78°F
VOC		
APPLICATION PROCESS		
Clean Up	Mineral Spirits	-
Application Temperature	-35°F - +140°F	-
Sag	No Sag In Vertical Disp. @ 120°F	ASTM C 639
Skin Over Time	3 - 6 Minutes	ASTM C 920- 18
Tack Free Time	20 Minutes	ASTM C 679- 15
Curing Time	24 Hours	@75°F & 50% R.H.
CURED PHYSICAL PROPERTIES		
Usage Temperature	-85°F - +572°F	-
Hardness - Shore A	30	ASTM D 2240
Tensile Strength	330 PSI	ASTM D 638
Elongation	475%	ASTM D 638



Adhesion:

We recommend a compatibility test, especially with use on Powder Coated Materials and PVD.

Adheres to: most porous and non-porous substrates including most metals and woods, aluminum, vinyl, composites, glass, porcelain & ceramic tile, brick, stone, stucco, masonry, cement board, drywall, plaster, PVC, and more.

Application Instructions

Apply product when ambient temperature is between -35F° and 140F°.

Preparation:

Thoroughly remove all residual dirt and old sealant. Clean surface with a degreasing solvent. Immediately wipe with another clean cloth to remove residual solvent and dirt.

Masking:

Use masking tape to achieve a clean and neat appearance. Protect surrounding areas from excess sealant to reduce cleanup.

Applying:

Cut the nozzle at a 45° angle and attach to cartridge. Puncture inner seal. Place into caulk gun. Apply the sealant at the base of the joint, ensuring complete filling and wetting on both sides.

Tooling:

If necessary, tool immediately after sealant application. After a skin has formed, refrain from touching the sealant until cured.

Curing:

With an ideal atmosphere of 73°F at 50% relative humidity, the sealant will reach full cure in 24 hours. Curing time can change subject to relative humidity and air temperature.

Cleanup:

Clean up excess uncured sealant from surface and tools with mineral spirits. Scrape or cut away excess cured sealant. Do not use mineral spirits to clean hands or skin. Wash hands with soap and water.

This sealant can not be painted. Paint surfaces prior to sealant application.

Joint Configuration

Joints should be a maximum of 1 inch. Width to depth ratio should be 2:1. Sealants should be selected and installed in line with the ASTM C-1193 Standard Guide for use of Joint Sealants. In deep joint applications backer rod should be used to backfill the joint to avoid three-point adhesion



Storage & Disposal

Reseal cartridge for storage and future use. Store opened and unopened containers in a cool, dry, well-ventilated area away from heat, sparks and direct sunlight. Elevated temperatures or extreme cold will reduce the shelf life of the product.

Dispose of product in accordance with local government disposal guidelines. Cured material may be disposed of in the trash.

Health & Safety

Direct contact with uncured sealant irritates eyes and may irritate skin. Exposure to vapor may irritate eyes, nose and throat. Keep out of reach of children. Avoid skin and eye contact. In case of eye contact, flush eyes with warm water for 15 minutes and seek medical attention. For skin contact, remove sealant with a clean paper towel. If swallowed do not induce vomiting, seek medical attention. Asmaco All Purpose Silicone is manufactured for professional use only. Refer to Safety Data Sheet (SDS) for further information.

Limited Warranty

Manufacturer warrants that this product, when used as directed, will meet the above specifications. If not satisfied, return with proof of purchase for refund. This is the sole and exclusive remedy and Manufacturer shall not be liable for any damages in excess of the purchase price. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS. This Limited Warranty gives you specific legal rights, which vary from state to state. For warranty assistance, contact Anchor Allied USA

This information and data contained in the product data sheet is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of the product for usage. Since the supplier cannot know all the uses, or the conditions of use to which the product may be exposed, no warranties concerning the fitness or suitability for particular use or purpose are made. It is the user's responsibility to thoroughly test any purposed use of our products and independently conclude satisfactory performance in the application likewise if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non-Warranty: Because the storage, handling and application of the material is beyond Anchor Allied Factory LLC's control, we can accept no liability for the result obtained. Anchor Allied Factory LLC's sole limited warranty is the product meets the manufacturing specifications in effect at the time of shipment. There is no warranty or merchantability or fitness for use, nor any expressed or implied warranty. Anchor Allied Factory LLC will not be liable for any incidental and consequential damage of any kind. The exclusive remedy for breach of such limited warranty is a replacement of any product shown to be other than warranted. Suggestions of uses should not be taken as inducement to infringe any patents.

All ANCHOR ALLIED FACTORY LLC data sheets are updated on regular basis. The Technical data sheet supersedes all previous editions relevant to this product. It is the user's responsibility to obtain the recent version.