

## TECHNICAL DATA SHEET

### My-T-Sil® GPA

Acetoxy RTV Silicone

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METLOK PRIVATE LIMITED  
(An ISO 9001 Certified Company)  
W-27, M.I.D.C. Industrial Area  
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### Product Description

My-T-Sil® GPA RTV Silicone sealant is a one-part acetoxy cure silicone material of paste-like consistency that cures to a tough, rubbery substrate when exposed to moisture in the air. It is resistance to weathering, ozone, solar radiation, moisture, vibrations. It bonds metals, plastics, ceramics glass, wood, painted, surfaces, concrete, natural & synthetic fibers, epoxies, silicones resins & rubber etc. My-T-Sil® GPA RTV can be applied to overhead or vertical joints and surfaces without slumping, sagging or running off.

My-T-Sil® GPA RTV silicone is typically used in applications with an operating range of -65 °C to 200 °C.

### Product Characteristic

My-T-Sil® GPA provides the following product characteristics

Technology	: Silicone
Chemical type	: Acetoxy silicone
Components	: One component
Appearance	: White /Black paste
Viscosity	Non-slump Paste
Cure	: Room temperature vulcanizing (RTV)
Service temperature	: -65 °C to 200 °C
Application	: Gasket and Sealant
Flexibility	: Enhances load bearing & shock absorbing characteristics of the bond area.
Specific Application	: Gasket replacement or Gasket dressing or Sealing
Specific Benefit	: Adheres to a wide range of Substrates.

### Applications

- ❖ Caulking and filling joints in sheet metal ducting & equipment housing
- ❖ Sealing roof flashings
- ❖ Sealing around roof ventilators, skylights and other penetrations.

- ❖ Sealing joints in lab, expansion and connecting joints, in chemical industries
- ❖ Exterior applications

### Properties

Colour	: Black/ White
Consistency	: Non-sag
Cure	: Moisture
Viscosity @ 25±2 °C	: Paste
Specific Gravity @ 25 °C	: 1.2
Temperature Resistance (°C)	: - 65 to +200

### Cure Characteristics @ Room Temperature (25±2 °C) / 50±5 % RH

Skin Over Time	: 5-15 minutes
Tack Free Time	: 20-30 minutes
Cure Time [3mm thickness]	: 24 hrs.
Full cure	: 7 days

### Physical properties; 3 mm strip cure for 7 days @ 25±2 °C / 50±5% RH

Hardness, Durometer Shore A,	: 15 – 18
ASTM D 2240	
Tensile Strength, ASTM D 412,	: ≥ 1 N/mm <sup>2</sup>
Elongation, ASTM D 412	: 200-350 %

### Environmental Resistance

The product retains effective properties in contact with automotive fluids, such as motor oil, transmission fluids, alcohol and antifreeze solutions.

*NOTE: Not recommended for parts in contact with gasoline.*

### Directions for Use

1. My-T-Sil® GPA silicone is supplied ready for use. It can be readily squeezed from its cartridge and easily tooled.
2. For best performance bond surfaces should be clean and free from grease.
3. Remove excess sealant immediately with a cloth dampened with non-polar solvents.
4. Full properties will develop over 72 hrs.

5. Moisture curing begins immediately after the product is exposed to the atmosphere, therefore parts to be assembled should be mated within a few minutes after the product is dispensed.
6. Press or firmly clamp parts together. Do not slide parts together.
7. Excess material can be easily wiped away with non-polar solvents.
8. Excess cured material can be removed with a knife or sharp single edge razor blade. Avoid undercutting the seal.

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**METLOK PRIVATE LIMITED**

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**Storage and Handling**

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- ❖ Store My-T-Sil® GPA silicone in cool, dry place at 25±2 °C.
- ❖ My-T-Sil® GPA will exhibit a shelf life of 12 months from the date of manufacture when stored as mentioned above.
- ❖ Storage information may be indicated on the product container labeling.
- ❖ Material removed from containers may be contaminated during use.
- ❖ Do not return product to the original container.
- ❖ Containers should always be kept sealed when not in use.
- ❖ After a container has been opened a plug of cured material may form in the nozzle during storage.
- ❖ When ready to re-use, unscrew the nozzle and remove the cured plug. The remaining sealant is ready to use.
- ❖ If additional information is required, please contact your local Technical Service Center or Customer Service Representative.

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**Pack Size**

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My-T-Sil® GPA silicone is ideally available in 100gm tube and 280 ml cartridges.

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**Note**

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