

## TECHNICAL DATA SHEET

### My-T-Sil® 932

February, 2021



METLOK PRIVATE LIMITED  
(An ISO 9001 Certified Company)  
W-27, M.I.D.C. Industrial Area  
Kalmeshwar – 441 501, Nagpur

#### Product Description

My-T-Sil 932 is a one part neutral cure thermally conductive silicone sealant. It cures at room temperature by reaction with moisture in the air to a durable, flexible silicone rubber seal. It is useful for Power modules, Adaptors, Inverters, Sensors, Electric control units.

#### Product Characteristic

My-T-Sil® 932 provides the following product characteristics

Technology	:	Silicone
Chemical type	:	Neutral Cure silicone
Components	:	One component
Appearance	:	White
Cure	:	Room temperature vulcanizing (RTV)
Service Temperature	:	-55 °C to 250 °C
Application	:	Gasket and Sealant
Colour	:	Grey
Appearance	:	Non-Slump
Viscosity	:	Paste
Specific Gravity @ 25±2 °C	:	2.08

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

Skin over Time,	:	7
minutes		
Tack Free Time,	:	15-16
minutes		
Cure Time, Hrs	:	24
Full Adhesion	:	7 to 14 dys

#### Physical properties, as cure after 7 days @ 25±2 °C / 50±5% RH

Durometer Hardness; ASTM-D 2240 ; Shore A	:	30-40
Tensile Strength, ASTM D 412, N/mm <sup>2</sup>	:	>1
Elongation, ASTM D 412, %	:	≥ 250

#### Electrical Properties, as cure after 7 days @ 25±2 °C / 50±5% RH

Thermal Conductivity, ASTM C 177	:	1.4 W/(m·K)
Dielectric Breakdown Strength, ASTM D 149	:	26.7 kV/mm

Dielectric Constant / Dissipation Factor, ASTM D 150

100-Hz	:	2.69 / 0.018
1-kHz	:	2.67 / 0.002

#### Directions for Use

1. My-T-Sil® 932 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 7days.
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 cured material can be removed with a knife or sharp single edge razor blade. Avoid undercutting the seal.

#### Storage and Handling

- ❖ Store My-T-Sil® 932 in the unopened container in a dry and cool location at 25±2 °C.
- ❖ It has a shelf life of 6 month from the date of manufacture
- ❖ 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 remover 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.

---

**Packaging**

---

My-T-Sil® 932 RTV Silicone is available in 100 ml and 280 ml cartridge.

---

**Note**

---

All statements, technical information and recommendations set forth herein are based on tests which Metlok Private Limited, believes to be reliable. However, Metlok Private Limited does not guarantee their accuracy or completeness. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In no case will Metlok Private Limited be liable for direct, consequential economic or other damages.

\*\*\*\*\*

**METLOK PRIVATE LIMITED**  
(Bonding and Sealing Solutions)  
An ISO 9001: 2015 Certified Company  
Tel.: 07118-271543/271170/272468  
Fax: 07118-272470  
Visit us at: [www.metlok.in](http://www.metlok.in)