

TECHNICAL DATA SHEET

My-T-Sil® 936

Acetoxy RTV
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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® 936 is an industrial purpose one-part acetoxy cure RTV silicone.

- ❖ Excellent resistance to weathering, ozone, solar radiation, moisture, vibrations and chemicals.
- ❖ Adheres to metals, plastics, ceramics glass, non-oily wood, painted surfaces, concrete, natural & synthetic fibers, etc.
- ❖ Highly flexible. Enhances load bearing & shock absorbing characteristics of the bond area.
- ❖ Used in applications where temperature reaches 315 °C.

Applications

- ❖ My-T-Sil® 936 is used in various automotive, electronic, military and industrial components for bonding and Sealing.
- ❖ Sealing side windows in trains, sealing heat sources (ovens, heat exchangers, steam circuits, water heaters)
- ❖ Providing protection / insulation of electrical boxes
- ❖ For general care and maintenance applications in various fields.

Product Characteristic

Technology	: Silicone
Chemical type	: Acetoxy silicone
Components	: One component
Appearance	: Clear / Black / White/Red
Viscosity	: Non-slump Paste
Cure	: Room temperature vulcanizing (RTV)
Service Temperature	: -65 °C to 315 °C
Application	: Bonding or Sealing
Flexibility	: Enhances load bearing & shock absorbing characteristics of the bond area.
Specific Benefit	: Adheres to a wide range of Substrates.

Properties

Appearance	: Clear/Black/white/Red paste
Consistency	: Non-Slump Paste
Cure	: Moisture
Specific Gravity @ 25 °C	: 1.04
Temperature Resistance	: - 65 to +315 °C

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

Skin Over Time, minutes	: 4-6
Tack Free Time, minutes	: 10-15
Cure Time [3mm thickness], hrs	: 20-24

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

Hardness, Shore A Durometer, ASTM D 2240	: 22-30
Tensile Strength, N/mm ² , ASTM D 412	: ≥1.5
Elongation, %, ASTM D 412	: ≥400

Environmental Resistance

The product retains effective properties in contact with automotive fluids, such as alcohol, motor oil, transmission fluids, and antifreeze solutions. And inorganic and organic solutions such as dilute HCl, sodium chloride, sodium carbonate and lactic acid

Directions for Use

1. For best performance bond surfaces should be clean and free from grease.
2. 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.
3. Remove excess sealant immediately with a cloth dampened with non-polar solvents.
4. When joint is assembled pressure should be applied to spread the adhesive out and fill the joint completely.
5. The bond should be allowed to cure (e.g. seven days), before subjecting to heavy service loads.

6. Full properties will develop over 7 days.

Storage and Handling

- ❖ Store product in the unopened container in a dry location.
- ❖ Shelf life six month from the date of manufacture
- ❖ 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.
- ❖ If additional information is required, please contact your local technical service center or customer service representative.

Pack Size

My-T-Sil® 936 is ideally available in 100 ml tube, 280 ml cartridge and 20kg bucket/pail.

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.

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