

TECHNICAL DATA SHEET

My-T-Sil® 920

Neutral RTV Silicone

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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 920 is a one part neutral cure weather proofing silicone sealant. It cures at room temperature by reaction with moisture in the air to a durable, flexible silicone rubber seal.

My-T-Sil 920 silicone has medium modulus characteristics and excellent unprimed-adhesion to most construction materials. It is also suitable as a remedial sealant to replace failed organic sealant.

This product is typically used in applications with an operating range of -55 °C to 300 °C.

Product Characteristic

My-T-Sil® 920 provides the following product characteristics

Technology	: Silicone
Chemical type	: Neutral Cure silicone
Components	: One component
Appearance	: Black/White /Grey
Cure	: Room temperature vulcanizing (RTV)
Service Temperature	: -55 °C to 300 °C
Application	: Gasket and Sealant

Applications:

My-T-Sil 920 silicone weatherproofing sealant is designed for sealing expansion and control joints, precast concrete panel joints, non-structural curtain wall mullion joints, stress cracks and joints in parallel walls.

Typical Properties

Colour	: Black/White/ Grey
Appearance	: Non-Slump
Viscosity	: Paste
Specific Gravity @ 25±2 °C	: 1.3±0.05
Temperature Resistance (C)	: - 55 to +300

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

Skin over Time	: 7-12 minutes
Tack Free Time	: 15-20 minutes
Cure Time	: 3 to 7 days
Full Adhesion	: 7 to 14 days

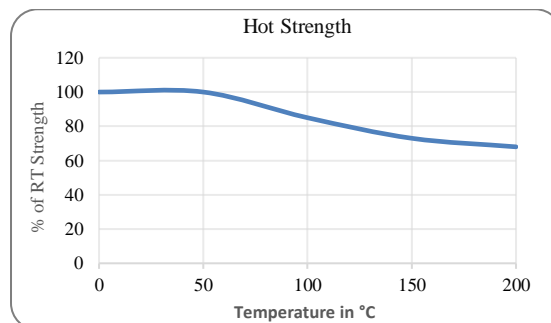
Physical properties, as cure after 7 days @ 25±2 °C / 50±5% RH

Durometer Hardness; ASTM- D 2240 ; Shore A	: 30-45
Tensile Strength, ASTM D 412	: 1.3-3.5 N/mm ²
Elongation, ASTM D 412	: 400-600 %

Hot Strength

Test	: Lap Shear Strength, ASTM D1002
Substrate	: Steel
Cure	: 7days @ 25±2°C & 50±5% RH

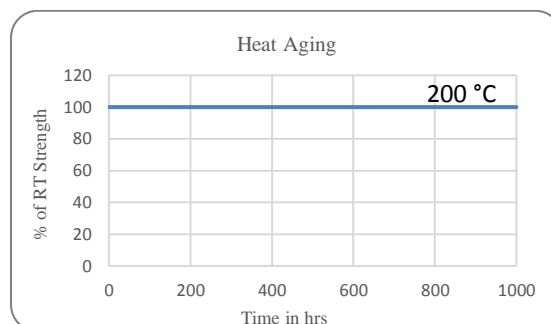
Tested at temperature indicated



Heat Aging

Test	: Lap Shear Strength, ASTM D1002
Substrate	: Steel
Cure	: 7days @ 25±2°C & 50±5% RH

Aged at temperature indicated and tested @ 25±2 °C.



Directions for Use

1. My-T-Sil® 920 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 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® 920 in the unopened container in a dry and cool location at 25±2 °C.
- ❖ My-T-Sil® 920 will exhibit a shelf life of six 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.

Packaging

My-T-Sil® 920 RTV Silicone is ideally available in 300 ml cartridge and 600ml sausage.

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

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