

## TECHNICAL DATA SHEET

**My-T-Sil® 7789**  
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**METLOK PRIVATE LIMITED**  
(An ISO 9001 Certified Company)  
W-27, M.I.D.C. Industrial Area  
Kalmeshwar – 441501, Nagpur

### Product Description

My-T-Sil® 7789 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® 7789 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 180 °C.

### Product Characteristic

My-T-Sil® 7789 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 180 °C
Application	: Gasket and Sealant

### Applications

My-T-Sil® 7789 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 parapet walls.

### Properties

Colour	: Black/White/ Grey
Appearance	: Non-Slump
Viscosity	: Paste
Specific Gravity @ 25±2 °C	: 1.2
Service Temperature	: - 55 to +180 °C

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

Skin Over Time	: 10 – 15 minutes
Tack Free Time	: 30 – 40 minutes
Cure rate	: 24 hrs. per 3mm
Full Cure Time	: 3 – 7 days

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

Hardness, Durometer- Shore A, ASTM D 2240	: 30 - 40
Tensile Strength, ASTM D 412	: ≥ 1 N/mm <sup>2</sup>
Elongation, ASTM D 412	: ≥ 350 %

### Directions for Use

1. My-T-Sil® 7789 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.

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**Storage and Handling**

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- ❖ Store My-T-Sil<sup>®</sup> 7789 in the unopened container in a dry and cool location at 25±2 °C.
- ❖ My-T-Sil<sup>®</sup> 7789 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<sup>®</sup> 7789 RTV Silicone is available in 280 ml, 300 ml cartridge and 600ml sausage.

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**Note**

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