

# General Purpose Silicone Sealant

**GPSS10** Silicone is a one part Neutral cure (non-acidic) silicone sealant. It is a general purpose silicone sealant designed for applications where long term reliability is required. It is unaffected by high and low temperatures and its superior physical properties are retained after many years of exposure.

## KEY PERFORMANCE PROPERTIES:

- Silicone Sealant (Neutral Cure)
- One part Ready to Use
- Fast Curing
- Outstanding Weather-ability
- Excellent Adhesion
- Easy Application
- UV Resistant

## APPLICATIONS:

**GPSS10** has potable water approval. Suitable for Sealing Roofing - Coated steel, Aluminium, Flashing, Spouting, Guttering, Metal Water tanks, Metal lap joints, Wall Cladding, Masonry Ceramic Tiles, Cement Roof tiles air-Conditioning units, RV and transport body building.

## SPECIFICATIONS:

Typical product data should not be used as specifications.

Property	Value
<b>CURE METHOD</b>	Oxime (Neutral)
<b>COLOURS</b>	Clear
<b>SAG/SLUMP</b>	Non-Slump (0.1%)
<b>HARDNESS (ASTM D2240)</b>	28 Shore A
<b>TENSILE STRENGTH</b>	1.7 MPa
<b>DYNAMIC JOINT MOVEMENT</b>	±25%
<b>SKIN TIME @ 25°C/50% RH</b>	10 min
<b>CURE TIME 10MM @25°C/50% RH</b>	24 - 48 Hours
<b>OPERATING TEMPERATURE</b>	-62°C to 180°C
<b>SPECIFIC GRAVITY</b>	1.04



In support of our policy of continuous product improvement we reserve the right to change materials and specifications without notice. Drawings, where used, are not to scale. All dimensions are in millimetres and sizes given are approximate. Where possible, technical MSDS data sheets are made available on the website. All products should be installed and used in accordance with manufacturer's instructions provided. Warning: products may be the subject of registered designs and patents. Refer to website for terms and conditions on warranty.

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## APPLICATION:

Cut nozzle at 45° angle slightly wider than the desired bead. Extrude sealant gun. Tooling time is 10 minutes. When necessary to produce a neat appearance masking tape is recommended. This should be removed immediately after tooling before skin over forms. Uncured sealant should be cleaned off non-porous surfaces while in the uncured state.

## SURFACE PREPARATION:

All surfaces must be clean, dry, sound and free from dust, oil, rust or any other contamination. Metals should be cleaned with a non-oil solvent. Solvent should be wiped from the surface with a clean dry cloth. For plastics contact the manufacturer for a recommended cleaning solvent.

## STORAGE/SHELF LIFE:

The shelf life of GPSS10 is 12 months if stored in a cool dry place. The storage temperature should not exceed 25°C as this will decrease shelf life.

## HEALTH AND SAFETY:

Contact with uncured product could irritate eyes. In case of eye contact immediately flush with water for 15 minutes and seek medical advice. Use in well ventilated areas. Avoid contact with skin or clothing. This product emits Methyl ethyl Ketoxime (meko) whilst curing.

**KEEP OUT OF REACH OF CHILDREN**

## LIMITATIONS:

GPSS10 - is not recommended for use: On submerged joints where porous substrates permit water to the bond interface. For certain rubber products where bleeding of plasticiser may occur. In horizontal walkways where sealant will be subject to abrasion. Cannot be painted, as paint will not adhere to sealant. Should not be applied when substrate surface exceeds +50°C. Not recommended for use on polycarbonate plastic.

## PACKAGING:

300gm Cartridges - Available in cartons of 20.

Product Packed in Australia.

## SEALANT VOLUME CALCULATOR:

Number of 300gm Cartridges = Joint Width(mm) x Joint depth(mm) x Joint length(m) x 1.15\* ÷ 292

\*Please note: 1.15 Allows for 15% wastage. Joints are assumed rectangular

## ORDERING INFORMATION:

Part Number: **GPSS10**

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