

GENEX GEN10

General Purpose Silicone Sealant



Description

Genex GEN10 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)
- Outstanding Weatherability
- One part Ready to Use
- Excellent Adhesion
- Fast Curing
- Easy Application

Applications

Genex GEN10 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. Product specification sheets are available upon request from Sealants Australasia Pty Ltd.

Property	Value
Cure Method	Oxime (Neutral)
Colours	Trans, Grey, Black White
Sag/Slump	Non-Slump (0.1%)
Hardness (ASTM D2240)	28 Shore A
Tensile Strength	1.7 MPa
Dynamic Joint Movement	±25%
Skin Time @25°C/50% Rh	10 min
Cure Time 10mm @25°C/50% Rh	24 - 48 Hours
Operating Temperature	-62°C to 180°C
Specific Gravity	1.04

Sealants Australasia Pty Ltd

ABN 83 104 230 015 U4/52 Vinnicombe Drive Canning Vale Western Australia 6155
Phone **08 9456 3627** Fax 08 9456 3927



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Application

Cut nozzle at 45° angle slightly wider than the desired bead. Extrude sealant with a 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-oily solvent. Solvent should be wiped from the surface with a clean dry cloth. For plastics contact the manufacturer for a recommended cleaning solvent.

Packaging

300gm Cartridges - Available in cartons of 20.
Product Packed in Australia.

Storage/Shelf life

The shelf life of **Genex GEN10** 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

Genex GEN10 - 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.

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*



Available From:

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PLEASE NOTE: Information contained and recommendations made herein apply to SA products alone. Such are based on research and data from other reliable sources and are believed at the time of print to be accurate. It is the purchaser's responsibility before using any product, to verify this data under their own operating conditions to determine if such product is suitable for their purposes.

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