



PRODUCT DESCRIPTION

An acetic, one-part, moisture curing, industrial-grade silicone designed for high temperature applications including auto gaskets, oven seals, sealing environmental and refrigerated rooms, and industrial assembly. Providing high strength and long-term reliability, it has superior chemical performance compared to neutral silicone, and can withstand temperatures in the range of -62°C to 343°C.

PRODUCT FEATURES

- 100% silicone composition
- Professional grade
- Low slump
- High adhesive strength
- Long-term reliability
- Resistant to oil and transmission fluids
- Movement capability $\pm 25\%$
- 5 minute skin time
- Meets GBCA VOC Content Requirement <50g/L
- Operating temperature range: -60°C to 343°C

APPLICATIONS

Automotive gaskets, oven seals, industrial assembly, sealing environmental and refrigerated rooms, metal/plastic signage, skylights, ventilators, air-conditioners, weather proofing, and aquariums.

SUITABLE SUBSTRATES

Most common building and glazing substrates including glass, aluminium, wood, ceramics, plastics, and most powder coated surfaces.

LIMITATIONS

Not suitable for application to galvanised steel, concrete, submerged joints, rubber products where bleeding of plasticiser may occur, or where acetic acid will damage substrate.

DIRECTIONS FOR USE

All surfaces must be clean, dry, sound, and free from dust, oil, rust, water, or any other contamination. Metals should be cleaned with a non-oily solvent-soaked clean cloth. Solvent should be wiped from the surface with a clean dry cloth. Use an alcohol such as methylated spirits on glass. When used on remedial work, all existing sealants must be removed prior to new application. Cut nozzle at sharp angle slightly wider than the desired bead width and apply to substrate with sealant gun. Tool the applied sealant with a round spatula within 10 minutes to spread against joint surfaces.

HEALTH AND SAFETY

This product emits acetic acid whilst curing. Use in well ventilated areas, and avoid breathing vapours. Contact with uncured product will irritate eyes. In case of eye contact immediately flush with water for 15 minutes and seek medical advice. Avoid contact with skin or clothing. Keep out of reach of children.

DISCLAIMER: The information given and the recommendations made herein apply to Geared Up Culcha's product(s) alone and not combined with any other product(s). Information and recommendations are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers' responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.

TYPICAL PROPERTIES[†]

PROPERTY	TYPICAL RESULT
Technology	100% acetic silicone
Curing Method	Acetic Cure
SAG/Slump @23°C: JIS A 1439	No Slump (0.1% max)
Shore A Hardness ASTM D2240	29 +/- 3
Skin Time 25°C / 50% Relative Humidity	5 mins
Dynamic Joint Movement	$\pm 25\%$
Cure Time (10mm) 25°C / 50% Relative Humidity	5-7 days
Elongation @ Break JIS K 6249	400%
Tensile Strength	320 PSI (1.6 MPa)
Operating Temperature Range	-62°C to 343°C
Specific Gravity	1.04
VOC Content ASTM D3960	35 g/L

ELECTRICAL TYPICAL PROPERTIES[†]

PROPERTY	TYPICAL RESULT
Dielectric Strength kV/mm (V/mil)	20 (500)
Dielectric Constant @ 60 Hz	2.9
Dissipation Factor @ 60 Hz	0.0026
Volume Resistancy Ohm-cm	2.5 x 10 ¹⁴ (1)

[†]Values above should not be used as specifications.
All data is based on samples cured for 21 days at 23°C and 55% relative humidity.

PRODUCT LIFE

Twelve months from date of manufacture when stored below 28°C.

FURTHER INFORMATION

Please refer to the product Safety Data Sheet (SDS) prior to using this product. SDS files can be accessed via our website (www.gearedupculcha.com.au) or by contacting Geared Up Culcha directly via phone on (07) 3715 8419 or email via sales@gearedupculcha.com.au

Packaging	Size	Colour(s)
Cartridge	300ml	Red