



## ***I. Product Description***

CRC Red RTV Gasket 340 is formulated for heavy duty, high temperature applications with an intermittent service temperature of up to 340°C.

CRC Red RTV Gasket 340 is a self-forming room temperature vulcanising Silicone that replaces almost any cut gasket, felt, cork, paper, asbestos and rubber gaskets. No gasket sealers are required – the pure silicone rubber forms to any size and shape quickly.

CRC Red RTV Gasket 340 resists migrating caused by thermal cycles, cracking, shrinking and vibration. It is ideal for high temperature, high pressure applications, it will remain flexible and durable.

CRC Red RTV Gasket 340 is NOT recommended for use on copper and brass. Do not use as a head gasket, not suitable for stove pipes or in fireplaces.

## ***II. Application and Directions***

### **Preparation:**

- Clean & dry surface before application (use mechanical or solvent cleaning, not soap or detergent).
- Slice nozzle at 45 degrees to desired bead size. A bead of 2-4mm is adequate for most applications.

### **Application:**

- Apply to one surface only.
- For best results circle all holes.
- Replace parts using original bolts and studs.
- CRC Red RTV Gasket 340 is tack-free after approx. 30 minutes. Length of time required for full cure depends on thickness of application, humidity, temperature, etc.
- Immediately after completion, clean excess sealant off surfaces, tools and hands with a clean dry cloth.

### **Clean Up:**

- Use ADOS Solvent N to clean uncured product off equipment and surfaces. Can also help to soften cured product.

### **Additional Information:**

- Not recommended for use on copper and brass
- Do not use as a head gasket.
- Not suitable for stove pipes or in fireplaces.

## ***III. Features & Benefits***

- Intermittent service temperature of up to 340 °C
- Makes any size or shape of gasket in minutes
- Ideal for high temperature high pressure applications
- Replaces most gaskets
- Remains flexible and durable
- Easy to apply



CRC Industries NZ, Auckland NZ

#### IV. *Typical Properties and Characteristics*

<b>Composition</b>	Silicone Polymer
<b>Curing Method</b>	Acetoxy
<b>Colour</b>	Red
<b>Continuous Service Temperature</b>	Up to 260°C
<b>Intermittent Temperature</b>	Up to 340°C
<b>Hardness (Shore A)</b>	≥ 18
<b>Tensile Strength</b>	≥ 1.2 N/mm <sup>2</sup>
<b>Elongation at Break</b>	≥ 300%
<b>Elastic Recovery</b>	100%
<b>Shrinkage</b>	1%
<b>Toxicity / Staining</b>	Non-toxic when cured / None
<b>Tack Free Time</b>	≤ 30 minutes
<b>Through Cure</b>	24 hours (3mm bead @ 25°C/50% RH)

#### V. *Package Description*

<b>Part Number</b>	<b>Size</b>
5078	300g Cartridge
8629	85g Tube (Blister)

#### VI. *Special Precautions*

**General:**

Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply.

**First Aid:**

Swallowed – Do NOT induce vomiting. Immediately give a glass of water. First aid is not generally required.

Skin – Immediately remove all contaminated clothing, including footwear. Flush skin and hair with running water (and soap if available). Seek medical attention in event of irritation.

Eyes – Wash out immediately with fresh running water. Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention without delay

Inhalation – Remove from contaminated area. Lay patient down. Keep warm and rested.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 01/2012

**PRODUCT WARRANTY:** CRC offers a conditional warranty of this product for the period of 2 years from the date of manufacture.

**DISCLAIMER:** All information on this data sheet is based on testing by CRC Industries NZ. All products should be tested for suitability on a particular application prior to actual use. CRC Industries makes no representations or warranties of any kind concerning this data.