



CRC Industries NZ  
Auckland NZ

## I. Product Description

CRC Food Grade Silicone is a multi-purpose dry film silicone spray for use on food processing and handling equipment. It forms a colourless, odourless film that does not attract dust and product debris. It lubricates and protects in most metal and non-metal applications without damaging treated surfaces or leaving marks or stains. It eliminates binding and sticking and is an excellent release and parting agent.

Temperature Range from -40°C to +200°C. MPI Approved C15. NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact. NSF H1 Registered for incidental food contact.

## II. Features & Benefits

- **Dry film** – Does not attract dust and product debris
- **Excellent release and parting agent** – Ideal to streamline processes on food sorting and handling lines, products will not stick to treated surfaces
- **General lubricant for all surfaces** – Metals, plastics, rubber, adhesives, wood, fabrics, glass, inks and paints
- **Resists Moisture** – Stays in place in damp environments
- **360°C degree valve** – Aerosol can be sprayed from any position even upside down
- **Non-toxic, colourless, odourless, tasteless**
- **Wide Temperature range** – Effective from -40°C to +200°C
- **MPI Approved C15**
- **NZ AsureQuality assessment for food/beverage including dairy factories with incidental contact**
- **NSF H1 Registered for incidental food contact**

## III. Application and Directions

### Preparation:

1. Do not use on energized systems.

### Application:

1. Spray light, even film on areas requiring lubrication or protection.
2. Use extension tube for hard-to-reach areas.
3. Repeat application if necessary.

## IV. Typical Properties and Characteristics

### Physical Properties:

Flash Point	-5°C
Boiling Point	60°C Initial
Odour	Petroleum like
Appearance	Clear, water-like liquid
Solubility	Neg. in water
% Volatile	97%
Vapor Density	>air
Specific Gravity	0.6694
Propellant	Hydrocarbon



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**Performance Characteristics:**

Type of film	Clear, non-drying
Temperature Range	-40°C to +200°C
Dielectric Strength (ASTM D-877)	350 volts/mil

**V. Package Description**

Part Number	Size
3043	284g Aerosol
3042	4 litre Pack
3041	20 litre Jerry Can

**VI. Special Precautions**

**General:**

Extremely flammable aerosol. Keep away from naked flames, electrical appliances/lights, lighted cigarettes, etc. Use with adequate ventilation. Store in a cool, well-ventilated area. Dispose of empty containers safely. All unused product should be disposed of in conformance with local and HSNO regulations, do not contaminate water supply. Refer to Material Safety Data Sheet for more details.

**Aerosol Cans:**

Do not puncture, incinerate or store above 50°C. Exposure to high temperatures may cause can to burst. Do not place in direct sunlight or near any heat source. Aerosol cans will conduct electricity. Keep away from all live electrical sources including battery terminals, solenoids, electrical panels and other electronic components. Failure to observe this warning may result in serious injury from flash fire and/or electrical shock.

**First Aid:**

Swallowed – Do NOT give milk or oil. Do NOT give alcohol.

Skin – Remove contaminated clothing and wash skin thoroughly with soap and water. Remove any adhering solids with industrial skin cleansing cream. Do not use solvents. Seek medical attention in the event of irritation. Wash contaminated clothing before reuse.

Eyes – Immediately hold the eyelids apart and flush the eye continuously for at least 15 minutes with fresh running water.

Inhaled – Remove to fresh air. Lay patient down. Keep warm and rested.

Refer to Material Safety Data Sheet for more details.

TECHNICAL DATA SHEET Version 08/2015

**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.