

## Silicone 401

### Description

Silicone 401 RTV is a one component, ready to use, acid cure silicone adhesive sealant developed for form-in-place gaskets and adhesive sealing, electrical insulating applications in manufacturing and plant maintenance.

### Product Information

Packaging	Size	Colour
Cartridge	310g	Clear

### Uses

Most metal, glass, ceramic, some rigid plastic, painted and wood substrates

### Features

- Primerless adhesion
- Remains permanently flexible under operating temperatures from -60°C to 205°C and will tolerate short periods of 260°C
- Good resistance to most organic and inorganic chemicals, solvents and oils

### Technical Details

Property	Typical Result
Technology	Acetic cure silicone
Colour	Clear
Skin Time	5 minutes
Cure Rate	3mm/24 hours
Shore A Hardness	23
Elongation at Break	400%
Modulus at 100% Elongation	0.365 MPa
Elastic Recovery	100%
Service Temperature	-60°C to +205°C (260°C intermittent)

Indicative data only, not intended for preparation of specifications

### Directions for Use

Use in a well ventilated area. Avoid contact with skin and eyes.

1. Surface must be clean and dry.
2. Cut cartridge, fit and cut nozzle. Apply with cartridge gun.

### For adhesive or gasketing use:

Apply adhesive/sealant to one surface and mate the surfaces before skin forms. Minimum adhesive thickness should be 0.2mm. Ensure some residual external air contact to enable curing.

### For joint sealing use:

Mask adjacent surfaces. Apply sealant and tool immediately, forcing sealant into the joint. Remove masking before sealant skins.

### Clean Up

Uncured sealant can be removed with mineral turps or other suitable sealant. Cured sealant can only be removed by scraping or trimming with a blade.

### Storage

Store unopened sealant below 27°C in a dry area. Use within 12 months of purchasing.

### Limitations

- Not recommended for use with petrol, distillate and some other hydrocarbon solvents.
- Do not use in totally confined joints where sealant is not exposed to atmospheric moisture.
- Chemical compatibility should be tested for each application under consideration.
- Cannot be over-painted. Complete painting 7 days prior to applying sealant.

### Warnings, First Aid and Shipping Information

This information can be located on the product SDS found through our website – [www.selleys.com](http://www.selleys.com)