

# Sikasil® Gasket Grey

## Oil Resistant RTV Silicone Gasket Sealant

### Technical Data

Chemical base	Oxime Silicone	
Colour (CQP <sup>1</sup> 001-1)	Grey	
Cure mechanism	Room temperature vulcanizing	
Density (uncured) (CQP 006-4)	1.4 kg/l approx.	
Application temperature	5 - 45°C	
Tack-free time <sup>2</sup> (CQP 019-1)	25 min. approx.	
Shore A hardness (CQP 023-1 / ISO 868)	50 approx.	
Tensile strength (CQP 036-1 / ISO 37)	1.5 N/mm <sup>2</sup> approx.	
Elongation at break (CQP 036-1 / ISO 37)	200% approx.	
Service Temperature	Continuous Intermittent	-54 - 200°C -54 - 230°C
Shelf life (storage below 25°C) (CQP 016-1)	18 months	

<sup>1)</sup> CQP = Corporate Quality Procedures

<sup>2)</sup> 23°C / 50% r.h.

### Product Description

Sikasil® Gasket Grey is a one component room temperature vulcanizing (RTV) gasketing silicone. It resists aging, weathering and thermal cycling without hardening, shrinking or cracking. It has excellent oil and water-glycol resistance. This material cures on exposure to moisture in the air to form an elastic silicone rubber gasket.

### Product Benefits

- One-component formula
- Low-odor
- Exceeds OEM Performance Requirements
- Resistant to high temperature
- Excellent resistance to oil and chemicals
- Non-corrosive on joint surfaces
- Sensor safe

### Areas of Application

Sikasil® Gasket Grey is suitable for the application of formed in place gaskets. It can be used to replace most cut gaskets. It can be used for example on joint flange surfaces of valve covers, transmission pans, oil pans, timing gear covers and differential covers etc.

**Note:** Product is not recommended for use on head gaskets or parts in contact with fuel.

This product is to be used by professional experienced users only.

Industry



## Cure Mechanism

Sikasil® Gasket Grey cures by reaction with atmospheric moisture. Cure time will vary with temperature, humidity and gap. At low temperatures the water content of the air is generally lower and the curing reaction proceeds somewhat slower.

## Ageing Resistance

Sikasil® Gasket Grey resists aging, weathering and thermal cycling without hardening, shrinking or cracking. Designed to maintain maximum performance in a continuous temperature environment of 200°C.

## Method of Application

### Surface preparation

Remove all previous material from mating surfaces.

To get the best results, it is recommended to clean the surface with a residue-free solvent, and let it dry before apply the sealant.

### Application

Cut off the tip of the nozzle to desired bead size. Puncture tube seal and attach extension nozzle. Apply a continuous and even bead on the surface and around the bolt holes by squeezing out of the tube. Clamp flanges before the gasket is tack-free. For best results, allow to cure overnight.

## Removal

Uncured Sikasil® Gasket Grey Sealant may be removed from tools and equipment with Sika® Remover-208. Once cured, the material can only be removed mechanically.

Hands and exposed skin should be washed immediately using Sika® Handclean or a suitable industrial hand cleanser and water. Do not use solvents!

## Further Information

Copies of the following publications are available on request:

- Safety Data Sheets

## Packaging Information

Tube	95 g
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## Value Bases

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## Health and Safety Information

For information and advice regarding transportation, handling, storage and disposal of chemical products, users shall refer to the actual Material Safety Data Sheets containing physical, ecological, toxicological and other safety-related data.

## Legal Notes

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



## Sika (Thailand) Limited

Head Office  
700/37 Moo 5 • Amata Nakorn Estate  
Bangna-Trad KM.57 • Tambol Klong Tamhru  
Muang District • Chonburi • 20000 Thailand

Tel : +66 3810 9500  
Fax : +66 3821 4286  
E-mail : sikathai@th.sika.com  
www.sika.co.th

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