



## Technical Data Sheet

### Physical Data

#### Unvulcanized Rubber

Specific Gravity (20 °C)	0.94
Consistency	non-sag
Tack -free Time	< 1 hour
Skin-forming time (at 27 °C/ 70% r.h)	8-10 min

#### Vulcanized Rubber

Tensile Stress (MPA)	0.85
100% Modulus (MPA)	0.15
Elongation (Jis K6301)	800%
Hardness Shore A	10.00
Application Temperature Range	-37 °C to +45°C
Temperature resistance	-50 °C to +120°C

### Characteristics

- OCI® Orgasil 3000 Silicone Sealant is a one-part moisture curing silicone sealant suitable for use in a broad range of applications.
- Ready and easy to use.
- Good weatherability - virtually unaffected by sunlight, rain, snow, ozone, and temperature extremes.
- Long life reliability, cured sealant stays rubbery from -50 to 120°C without tearing, cracking, drying out, or becoming brittle.
- Wide temperature gunnability can be applied in any season.

### Limitations

- Do not use for structural glazing.
- Not recommended for use in below ground joints or where abrasion and physical abuse are encountered.
- Do not apply to surfaces that require painting or to masonry substrates such as concrete, marble, limestone, and brick.



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### Direction of Use

1. Make sure the joint design is correct. Proper joint design minimizes stresses on the sealant.
2. Clean the joint surface on both new and old jobs. Surfaces must be clean, dry, and sound. Since new material is often covered with a protective film, solvent-wash all surface materials with a wet brush and an oil-free solvent.
3. Use masking tape where bead lines of exact shapes are required. Masking tape should be removed immediately after a bead is completed before a skin begins to form.
4. Apply sealant to dry, clean surfaces. An air-operated or hand-operated cartridge gun may be used. Do not break cartridge seal until just before use. Surfaces in this instance should be dried before the sealant is applied. Uncured sealant may be cleaned from tools using commercial solvent.
5. Tool joint if necessary and remove masking tape. Tooling should be completed in one continuous stroke. Tool immediately after sealant is applied and before a skin begins to form. Do not use soap or oil as a tool to aid. Remove masking tape right after tooling is done.

### Safety Precaution

- Ensure good ventilation if used indoors.
- Contact of unvulcanised silicone sealant with eyes and mucous membranes must be avoided as this will cause irritation.
- Prolonged contact with eyes, flush with water and consult physician.
- Keep out of reach of children.
- Additional information is contained in our material safety data sheets available on request.

**CAUTION: UNCURED SEALANT MAY CAUSE SKIN, EYE AND RESPIRATORY IRRITATION.**

Avoid direct contact with skin and eye. Use only in well ventilated area. In case of eye contact, flush with water for 15 minutes and seek medical attention immediately. In case of skin contact, wipe off and wash with soap and water.

**KEEP OUT OF REACH OF CHILDREN.**

### Storage

- Store in dry and cool place below 27°C (90°F)
- Use within 12 months from date of production

Every endeavor has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for loss or damage that may result from the use of the information, due to the possibility of variations of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.