

# Technical Data Sheet



## OCI® ORGASIL 2000 MULTIPURPOSE SILICONE SEALANT

### Physical Data :

#### Unvulcanized Rubber

Density at 25 °C	:	0.97 g/cm <sup>3</sup> +/- 0.97 g/cm <sup>3</sup>
Consistency	:	0.1"
Tack-Free Time	:	< 1 hour
Skin-forming time (at 27 °C/ 70% r.h)	:	12-13 mins
Cure Time ( to 3/8" @ 27 °C and 50% r.h)	:	5-7 days

#### Vulcanized Rubber

Specific gravity at 25 °C	:	0.97 g/cm <sup>3</sup>
Tensile strength (ASTM D412)	:	320 psi
Dynamic Joint Movement	:	+/- 25%
<small>(continue extension &amp; compression 1/8" per hour)</small>		
Hardness Shore A (ASTMD2240)	:	23 - 28
Peel strength (ASTM C794)	:	15ppi
Application Temperature Range	:	-37°C to +60°C
Temperature resistance	:	-40°C to +204°C

*Typical property data values should not used as specifications.*

### Characteristics :

- OCI® Orgasil 2000 is one part of acetic cure construction and household repairs silicone sealant. Orgasil 2000 sealant is a room temperature vulcanising acetic acid curing silicone with outstanding adhesive strength, weatherability and elasticity for general glazing application. It is ready to use, solvent-free, long shelf life, low shrinkage during vulcanization.

### Application :

OCI® Orgasil 2000 series Acetic cure All purpose silicone sealants are suitable for use in :

- sealing
- bonding
- Repairing & Mending of glass
- Window construction double glazing in window
- Aquarium
- Shower Screen
- Sanitary
- Ceramics
- Air Conditioning
- Ventilator
- Bedding of marine hardwares

OCI® Orgasil 2000 series silicone sealants exhibits an excellent adhesion to :

- glass tiles
- ceramics
- aluminium
- fiberglass
- non-oily woods
- painted surfaces
- Plastic ; eg. Epoxies, polyester, polyacrylate and other non porous surfaces

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### Product Code & Colour :

Product Code	Colour
OCI Orgasil 2000	Aluminum
OCI Orgasil 2000	Black
OCI Orgasil 2000	Clear
OCI Orgasil 2000	Grey
OCI Orgasil 2000	White

### Limitation :

Not for : Use in areas of constant water immersion  
Not for : Traffic areas or areas subject to abrasion  
Not for : Structural glazing  
Not for : Bathroom

### Surface Preparation :

The silicone sealant should be applied at a thickness not to exceed 6 mm (1/4 in) from an exposed edge. The recommended minimum joint dimension is 1/4" x 1/4" and the maximum joint dimension is 1" x 3/8.  
Ensure all surfaces that will be in contact with the sealant must be clean, dry, free of dust, dirt, rust, oil and other contaminants.  
Nonporous substrate should be clean with solvent and wipe dry immediately with cloth before the solvent evaporates from the surface.  
Porous surfaces should be roughen with a stiff-bristled brush, rubbed down or sandblasted.

### Packaging, Storage & Shelf life :

- is available in 300 ml per cartridge.
- When stored in the original unopened container at temperature less than 27° C.
- a shelf life of 12 months from date of shipment.

### Safety Precaution :

- Ensure good ventilation if used indoors.
- Contact of unvulcanised silicone sealant with eyes and mucuous 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.
- Maximum recommended pressure for air operated guns with caulking cartridges is 45 psi (3.2kgs/cm<sup>3</sup>).

### Other Information :

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 variation of processing or working conditions and of workmanship outside our control. User are advised to confirm suitability of this product by their own tests.