

Technical Data Sheet



OCI® N193 MULTIPURPOSE SILICONE SEALANT

Physical Data :

Unvulcanized Rubber

Density at 25 °C	:	1.03 g/cm ³ +/- 0.02 g/cm ³
Consistency	:	Non-sag
Shrinkage (%)	:	< 5
Skin-forming time (at 27 °C/ 70% r.h)	:	10 - 12 mins

Vulcanized Rubber

Peel strength (Jis K6301)	:	8.5 kg/cm ² or 0.83MPa
Hardness (JIS)	:	20 - 28
Elongation (%) (Jis K6301)	:	390
Application Temperature Range	:	-37°C to +60°C
Temperature resistance	:	-50°C to +250°C

Typical property data values should not used as specifications.

Characteristics :

- OCI® N193 series neutral cure multipurpose silicone sealants are one part room temperature vulcanizing silicone sealant. OCI® N193 series sealant will cure at room temperature for excellent sealing adhesion to all metals (aluminium and steel), concrete, bricks, plasterboards, and most painted or powder coated surfaces.
- OCI® N193 silicone sealant is primer less adhesion to most materials and it is also non-corrosive to metals.

Application :

OCI® N193 series neutral cure multipurpose silicone sealants are suitable for use in :

- weather sealing
- industrial application
- all metals and masonry building materials as guttering roofing, metals tank construction
- DIY application
- wall cladding
- automobile
- electrical and electronic industrial
- shipbuilding sealing
- bonding and repairing

OCI® N193 series silicone sealants exhibits an excellent adhesion to :

- glass tiles
- ceramics
- aluminium
- steel zinc
- lead
- coppers
- brass
- painted surfaces
- plastics
- non-oily woods

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Product Code & Colour :

Product Code	Colour
OCI N-193	Black
OCI N-193	Clear
OCI N-193	Grey
OCI N-193	Silver
OCI N-193	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 :

Ensure all surface that will be in contact with the sealant must be clean, dry, free of dust, dirt, rust, oil and other contaminants. Non porous substrates should be clean with solvent and wipe dry immediately with cloth before the solvent evaporates from the surface. Porous surface 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/cm³).

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.