

Technical Data Sheet



OCI® N192 NEUTRAL CURE 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)	:	7 - 9 mins

Vulcanized Rubber

Tensile Strength (Jis K6301)	:	20 kgf/cm ² or 2MPa
Hardness (JIS)	:	28 - 30
Elongation (%) (Jis K6301)	:	400
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 N-192 series neutral cure silicone sealants are one part room temperature vulcanizing silicone sealant.
- The OCI N-192 series sealant will cure at room temperature into a resilient elastomer without generating acetic acid. It is therefore, it is most suitable for alkali materials such as mortar, white cement and etc.
- OCI N-192 silicone sealant is primer less adhesion to most materials and it is also non-corrosive to metals.

Application :

OCI N-192 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 N-192 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-192	Black
OCI N-192	Clear
OCI N-192	Grey
OCI N-192	Silver
OCI N-192	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:

- OCI N-192 series silicone sealant is available in 300 ml per cartridge.
- When stored in the original unopened container at temperature less than 27 °C.
- OCI N-192 series sealant offers 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.