

One Part Neutral Cure Silicone Sealant

Tosseal 168 is a one component neutral cure silicone sealant which cures to a high modulus silicone rubber on exposure to atmospheric moisture at room temperature. In addition to the unique features of silicone rubber such as superior high and low temperatures resistance, water resistance, and outstanding weatherability. It also provides excellent adhesion to glass, metal and numerous construction materials.

- One component, ready-to-use sealant
- Neutral cure, no strong smell
- Fast skinning and curing
- Maintains good flexibility.
- Excellent adhesion to glass, most metals and plastics
- Available in 7 standard colors:
Clear; White; Gray; Light Gray; Black; Dark brown; Silver

UNCURED PROPERTIES		
Consistency		Paste
Slump (w=20mm) *1	mm	0
Tack-free time (23°C) *1	min	10
Curing time (t=5mm, 20°C/55%RH)	days	2
CURED PROPERTIES		
Appearance		Elastic rubber
Hardness (Type A) *2		18
Tensile strength *2	MPa	1.09
Elongation *2	%	435

Test Method	*1; JIS A 1439	*2; JIS K 6249
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Typical properties are average data and are not to be used as or to develop specifications.

- General purpose sealant for sealing and caulking applications

Application Instructions

Surface Preparation

Substrate surface should be thoroughly cleaned with a suitable solvent such as alcohol, xylene, or methyl ethyl ketone (MEK). Do not use soap, detergent or water. Wipe the surface dry. Sealant will not properly adhere to a wet substrate. For polycarbonate and acrylic resin, n-hexane should be used in order to prevent solvent-cracking.

Handling and Safety

- Wear eye protection when handling uncured sealant as it can irritate eyes. In case of eye contact, immediately flush eyes well with water and contact a physician.
- Adequate ventilation must be maintained in the work place at all times.
- Extended contact with the skin may cause irritation and should be avoided.
- Not for food contact use.

Storage

- Store in a cool, dry, dark place.
- Keep out of reach of children.
- Shelf life is 15 months from date of manufacture when stored in original, unopened containers below 25°C in a dry place.

Packaging

300 gram e cartridge available in carton box of 24 pieces

Colors

Available in 7 colors

Clear; White; Gray; Light Gray; Black; Dark brown; Silver

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

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