

**TECHNICAL DATA SHEET**
**(SN4000 Neutral cure Silicone sealant)**
**Characteristics:**

- Belongs to RTV-1 products; Neutral curing, non-corrosive to marble, coated glass, concrete, metal (not including copper) etc;
- Quickly speed of curing, excellent adhesion, low , excellent displacement capability;
- Excellent resistance to weather, the service life is over 50 years in the condition of general weather;
- Excellent resistance to low and high temperature change. Little changes of performance at -40~150 °C;
- Excellent adhesive to most common building material
- Good compatibility with other neutral silicone sealants;

**Purpose:**

- Weather resistance sealing for all kinds of glass curtain wall;
- Sealing for Large flat glass, glass skylight roof;
- Sealing for Coated glass, the materials with polycarbonate;
- Electronic products, machine and some kinds of medical treatment equipment adhesive, water-proof and dusty-proof.

**Typical Technology Data:**

| Test Item                       | GB/T<br>14683-2003  | Actual<br>Test Value | Test<br>Method | Test Item                             | GB/T<br>14683-2003 | Actual<br>Test Value | Test<br>Method |
|---------------------------------|---|----------------------|----------------|---------------------------------------|--------------------|----------------------|----------------|
| Density (g/cm <sup>3</sup> )    | 1.29  | ±0.03                | GB/T<br>13477  | Tensile Strength in<br>adhesion (Mpa) | ≤0.4               | 0.68                 | GB/T<br>13477  |
| Tack-Free Time<br>(min)         | ≤180min   | 36 min               |                | Elongation at<br>break (%)            | /                  | 240                  |                |
| Sagging degree<br>(N type) (mm) | ≤3  | 0                    |                | Loss of Weight<br>(%)                 | /                  | 8.8%                 | ASTMC7<br>92   |
| Consistency                     | /   | 9.7                  |                | Hardness (Hs<br>A)                    | /                  | 37                   | GB/T 531       |
| Shelf Life                      | 12 months after production date by storing in cool and dry place where the temperature between -20°C~30°C |                      |                |                                       |                    |                      |                |

**Application Standard:**

- China Standard GB/T 12583-2003 Building silicone sealant

**Restriction of Usage:**

- Can't be used as structural sealant;
- Unsuitable for the surface of all kinds of material that can effuse grease, plasticizer or solvent;
- Unsuitable for the airproof location, because it is required to absorb moisture in air to cure for the sealant;
- Unsuitable for the frosty or moist surface;
- Unsuitable for the continually soggy or moist place
- Cannot be used the product, if the temperature is below 4 °C or above 50 °C on the surface of the materials

**Color and Package:**

- Color: white, grey, black, brown and other colorful color required. • Package: 310ml Cartridge net 300ml