

TECHNICAL DATA SHEET

SJ400 Structural silicone sealant (Alcohol type)

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 ℃;
- Excellent adhesive to most common building material
- Good compatibility with other neutral silicone sealants;
- Curtain wall or big glass sealants purpose.



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 14683-2003	Actual Test Value	Test Method	Test Item	GB/T 14683-2003	Actual Test Value	Test Method
Density (g/cm ³)	1.31	±0.03	GB/T 13477	Tensile Strength in adhesion (Mpa)	≤0.4	0.75	GB/T 13477
Tack-Free Time (min)	≤180min	48 min		Elongation at break (%)	/	105	
Sagging degree (N type) (mm)	≤3	0		Loss of Weight (%)	/	5.5 %	ASTMC7 92
Consistency	/	9.70		Hardness (Hs A)	/	41	GB/T 531
Shelf Life	12 months after production date by storing in cool and dry place where the temperature between -20℃~30℃						

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 ℃ or above 50 ℃ on the surface of the materials

Color and Package:

- Color: black, grey, white and other colorful colors • Package: 300ml cartridge packing or 600ml silicone sausage packing