

PRODUCTS

Silicone Sealant

- General use Silicone Sealant
- Structural Silicone Sealant
- Granite(marble) Sealant
- Waterproof Silicone Sealant
- IG Silicon Sealant
- Bathroom & Kitchen Sealant
- High Elasticity Sealant
- Fireproof Silicon Sealant
- Fire&weatherproof Sealant

Polysulfide Sealant

- IG polysulfide sealant
- Polysulfide sealant in low temp
- Waterproof polysulfide sealant
- Fireproof polysulfide sealant

Butyl Sealant

- Insulating Glass Butyl Sealant

Others

- Driveway sealant
- Organic protective agent
- Silicone sealant primer
- Epoxy stone sealant

Fireproof & Weatherproof Silicone Sealant

The sealant is a type of single-component, room temperature cured (RTV) silicone sealant.

Features:

1. Superior fireproofing, good resistance to high & low temperature.
2. Strong adhesion for most construction material without primer.
3. Neutral cured, non corrosion, non pollution to environment.
4. Joint movement capability can reach $\pm 20\%$.

Range of usage :

The silicone sealant mostly used for the fireproofing seal of various fireproofing windows, doors and different layers of curtain walls and the waterproofing, decoration, damp proof of the public constructions.

Properties:

No.	DESCRIPTION	TECHNICAL DATA
1	Appearance	Black, white, brown, grey, etc
2	Sag	≤ 1
3	Fireproofing Class (GB/T 2408)	Fv-0
4	Oxygen Index (GB/T 2406) %	≥ 40
5	Burning Performance (GB/T 8624)	Level B1
6	Extrusion Property (s)	≤ 5
7	Tack-free Time (Hours)	≤ 2
8	Curing time (T=25 $^{\circ}$ C, RH=50%), days	7-14
9	Tensile adhesive strength (Mpa)	≥ 0.9
11	Elongation ration %	≥ 100
Standard	GB/T 14683 , JC/T 882, GB/T 2406 GB/T 2408	

Package:

Cartridge package: 300 ml / pc , 25 pcs / carton.
Sausage package: 592 ml / pc , 20 pcs / carton.

Storage:

Shelf-life: 12 months stored in cool (below 27 $^{\circ}$ C), dry and ventilated places.

NOTES

1. In case of contact with eyes, rinse immediately with plenty of water.
2. Avoid long-term contacting with skins.
3. Avoid contact food, medicine or cosmetics, etc

Restricted application:

- The building materials who may exude grease, plasticizer or solvent, etc
- Surface of vulcanized or semi-vulcanized rubber.
- The area where is closed and cut off air. (cured process need air)
- Before inject sealant, the joint where undertake high structural strength, suffering excessive friction or physical destroy.
- Frosted or humid surface.

Estimated consumption amount:

Standard cartridge packaged of silicone sealant, 300ml net volume.

Seal length unit: **meter**

Seal Depth(mm)	Seal Width(mm)					
	6	9	12	15	20	25
6	8.3	5.6	4.2	3.3	2.5	2
9	5.6	3.7	2.8	2.2	1.7	1.3

12	4.2	2.8	2.1	1.7	1.3	1.0
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