

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

Structural Silicone Sealant

Sealant Tech's structural sealant is a type of neutral, single-component silicone sealant, free primer.

Features:

1. Neutral cured in room temperature (RTV)
2. Superior adhesion for most building material, particularly for glass and aluminum material .
3. Superior weatherability, good adaptability in low and high temperature.
4. Non corrosivity and non-pollution to environment
5. Bear joint movement capability of $\pm 25\%$, High elasticity and high modulus.

Range of Application:

Various curtain walls in construction project, glass structure of vehicle ,ship and other glass under high wind pressure condition.

Properties:

No.	DESCRIPTION		TECHNICAL DATA
1	Appearance	Black, white, brown and grey, etc	
2	Sag	Placed Vertically (mm)	≤ 1
		Placed Flatly	No Distortion
3	Extrusion Property (s)		≤ 5
4	Tack-free Time (Hours)		≤ 2
5	Shore Hardness		30 - 60
6	Curing time(25 \pm 1, RH=50%) Days		7-14
7	Temperature Endurance		-60 \pm 180 \pm
8	Elongation ratio (23 \pm 1)		$\geq 100\%$
9	Tensile Strength (MPa)	23 \pm 1	≥ 0.8
		90 \pm 1	≥ 0.6
		-30 \pm 1	≥ 0.8
		After Water Soaking	≥ 0.8
		After Water-UV Soak	≥ 0.8
		Damaged Areas (%)	≤ 5
	Resistance to UV/Ozone	Continuous irradiation under water-Ultraviolet for 2500 hours, physical and chemical properties no change	
Standard	ASTM C920 and GB16776		

Package:

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

Storage:

12 months stored in cool(below 27 \pm 1), dry and ventilated places.

NOTES

1. Pre-testing should be carried out for test compatibility and adhesive property of project materials
2. In case of contact with eyes, wash with plenty of water immediately.
3. Avoid long-term contacting with skins, placed carefully, avoid children touch.
4. Avoid contaminating food, medicine or cosmetics, etc

Restricted application:

The silicone sealant should avoid used in followed conditions:

1. The building materials who may exude grease, plasticizer or solvent, etc
2. The place where be absolutely sealed and insulated air. (cured process need air)
3. Vulcanized or semi-vulcanized rubber.
4. Mx other kind of sealant
5. Before inject sealant, the joint which undertake high structural strength, suffering excessive friction or physical destroy.
6. Frosted or humid surface.
7. Applying on chrome plated surface carefully,consultate our specialists in case of necessary.

SECURITY NOTICES

Aboved information don't include all the safety notices. For safely using, carefully reading of The <Application Standard of the Structural Silicone Sealant> and the Product Manual, we would like provide them anytime.. Sufficient secure tests should be carried out.

Estimated consumption amount:

Standard cartridge packaged of MF890 silicone sealant, 300ml net volume.

Seal length unit: **meter**

	Seal Width(mm)					
Seal Depth(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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