



Siway Silicone Products Solutions



SHANGHAI SIWAY CURTAIN MATERIAL CO.,LTD

Main Product

ONE COMPONENT SILICONE SEALANT

SV618 acetic cure silicone sealant
SV638 acetic anti-fungus silicone
SV666 high grade Neutral silicone
SV668 Aquarium silicone sealant
SV688 Spider bolt silicone sealant
SV698 Large flat glasss silicone sealant
SV709 Solar module silicone sealant
SV777 Neutral stone silicone sealant
SV888 weatherproof silicone sealant
SV995 Structural silicone sealant
SV999 high performance Structural silicone sealant
SV2000 Anti-fugus neutral silicone
SV2300 Mirror special silicone sealant
SV9300 Fireproof silicone sealant

Two component silicone sealant

SV8800 Two parts silicone insulating glass sealant
SV8890 Two parts silicone structural sealant
SV6600 Two part silicone secondary sealant
SV7000 Two part Polyurethane sealant for insulating glass

Main Product

ACRYLIC SEALANT

SV101 acrylic sealant

HOT MELT ACRYLIC SEALANT

SV101 acrylic sealant

SV102 anti-fungus acrylic sealant

SV106 high elastic acrylic sealant

SV108 High grade acrylic sealant

PU FOAM

SV301 PU FOAM

SV302 General purpose pu foam

SV304 High performance PU foam

SV306 fireproof PU foam

SV308 PU FOAM Cleaner

Company Profile

Shanghai Siway Decoration Materials Co., Ltd. Located in Shanghai China. The company has 13 years of silicone sealant. Main products are structural silicone sealant, stone silicone sealant, weathering silicone sealant, two-component silicone sealant and other products. Our company has accumulated a large number of core technologies. Products are sold in more than 30 countries.



We are silicone sealant, silicone sealant for curtain wall , silicone sealant for door and window suppliers .

Products are widely used in construction, curtain walls, doors and windows and interior decoration, electronics and other fields.



SV 618



SV 618 ACETIC SILICONE SEALANT

Features

One-component, acetic-cure

Fast curing speed

high caking property

low modulus, high displacement

high and low temperature resistant performance, remain performance

constant within -40°C to 150°C.

Suitable for all kinds of doors and windows glass installation, sealing and many other building and industrial applications.

Application

Applicable to all kinds of windows and doors installation

Applicable to glass assembly sealing

Applicable to many other buildings and industrial applications.

Item		Standard	Result
Sag degree	Upright(mm)	≤0	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤2	0.3
Extrude , ml/min		≥100	254
Tensile Strength(Mpa)	23℃	≤0.4	0.32
	-20℃	≤0.6	-
Adhesion properties		No destroy	No destroy

SV 668



SV 668 AQUARIUM SILICONE SEALANT

Feature

Fast curing, good adhesion.

Excellent high and low temperature resistance.

clear color, customized color.

Application

The installation of large aquarium adhesive sealing.

Repair aquarium.

Glass assembly.

Item		Standard	Result
Sag degree	Upright(mm)	≤3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤3	0.13
Extrude , ml/min		≥80	239
Tensile Strength(M pa) at 23℃		>0.4	0.58
Adhesion properties		No destroy	No destroy

SV 638



SV 688



SV 638 ACETIC ANTI-FUNGUS SILICONE SEALANT

Features

One-component, acetic-cure

Fast curing speed

high caking property

low modulus, high displacement

high and low temperature resistant performance, remain performance

constant within -40 °C to 150 °C.

Application

Applicable to all kinds of windows and doors installation.

Applicable to glass assembly sealing.

Applicable to many other buildings and industrial applications.

Item		Standard	Result
Sag degree	Upright(mm)	≤ 0	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 2	0.2
Extrude , ml/min		≥ 100	211
Tensile Strength(Mpa)	23 °C	>0.4 or >0.6	0.63
	-20 °C		/
Adhesion properties		No destroy	No destroy

SV 688 SPIDER BOLT SILICONE SEALANT

Feature

Fast curing,good adhesion

Excellent high and low temperature resistance

Application

The installation of large aquarium adhesive sealing.

Repair aquarium

Glass assembly

Item		Standard	Result
Sag degree	Upright(mm)	≤ 3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 3	0.13
Extrude , ml/min		≥ 80	239
Tensile Strength(M pa) at 23 °C		>0.4	0.58
Adhesion properties		No destroy	No destroy

SV 666



SV 666 NEUTRAL SILICONE SEALANT

Features

1. One-component, neutral-cure
2. Fast curing speed, high caking property
3. Excellent resistance to weathering, High and low temperature resistant performance, remain performance constant within -40 °C to 150 °C.
4. Excellent cohesiveness with most of construction material without priming
5. Good compatibility with other neutral silicone sealant

Application

1. Applicable to all kinds of windows and doors installation
2. Applicable to decoration caulking
3. Used in many other construction and industrial applications

Item		Standard	Result
Sag degree	Upright(mm)	≤ 3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 3	0.5
Extrude , ml/min		≥ 80	163
Tensile Strength(Mpa)	23°C	>0.4 or >0.6	0.64
	-20°C		-
Adhesion properties		No destroy	No destroy

SV 777



SV 777 STONE SILICONE SEALANT

Features

1. Non-staining on natural stone and reduces residue rundown on metal.
2. Medium modulus, high movement capacity.
3. Outstanding UV and weathering resistance.
4. Excellent unprimed adhesion to most building substrates.

Application

1. Dry hanging stone (marble, granite)curtain wall engineering.
2. Suitable for caulking seal between stone and other materials.
3. Suitable for ceramic engineering caulking seal.

Property	Unit	Result
Tack-free time, 50% R.H. +25°C	minutes	36
Curing 25°C	Days	7-14
Flow (sag or slump)	mm	<1
VOC content	g/l	<85
As Cured – After 7 days at +25°C		
Ultimate tensile strength	Mpa	0.7
Ultimate elongation	%	400
Hardness, Shore A	points	24
Joint movement capability, glass, aluminum	%	±25
Staining/migration, natural stone		None

SV 698



SV 698 LARGE FLAT SILICONE SEALANT

Feature

Acetic cure, easy application.

Quick drying

Excellent weatherproof performance

Long time service life

Application

Glass joint sealing

Glass day lighting roof, Large flat glass, glass fish tank

Spider or completely transparent glass curtain wall

Item		Standard	Result
Sag degree	Upright(mm)	≤3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤3	0.13
Extrude , ml/min		≥80	225
Tensile Strength(M pa) at 23℃		>0.4	0.58
Adhesion properties		No destroy	No destroy

SV 709



SV 709 SOLAR MODULE SILICONE SEALANT

Feature

good sealing, the aluminum, glass, TPT / TPE back material, junction box plastic PPO / PA have good adhesion;

a unique curing system, measured by high temperature and humidity ring, with all types of EVA have good compatibility;

the unique rheological system, the colloid of the fine, good resistance to deformation ability;

flame retardant performance to UL 94-V0 the highest level;

in full compliance with the EU ROHS environmental directive requirements, SGS-related test reports.

Typical applications: Solar panel bonding, PV module aluminum frame sealing and junction box and TPT / TPE back film adhesive seal.

Mechanical properties after Cure		
Density	g/ml	1.41
Tensile strength	MPa	2.7
Elongation	%	550
Hardness	SH,A	35
Lap shear(Al/Al)	MPa	1.8
Unprimed adhesion		
Electronic properties after cure		
Dielectric strength	KV/mm	22
Volume resistivity	Ohm,cm	10E14
Dielectric constant	@50HZ	3.2
Dissipation factor	@50HZ	0.0031
After aged under 85℃&85%RH for 2000hours		
Tensile strength	MPA	1.8
Elongation	%	370
Hardness	SH,A	40
*****Test condition :23±2℃, 50±2%RH*****		

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Tensile strength	MPA	1.8
Elongation	%	370
Hardness	SH,A	40
*****Test condition :23±2℃, 50±2%RH*****		

SV 888



SV 999



SV 888 WEATHERPROOF SILICONE SEALANT

Features

One component, high modulus

Offer resistance to sunshine, rainwater, snow, ozone and extreme temperature.

Durability; the cured sealant can maintain its elasticity from -50°C to 150°C.

Application

Glass curtain walls sealing, metal plate, ceramic curtain wall sealing.

Normal building facade and glazing application.

Used for the sealing of doors and windows installation

Specification Description		Standard
Sag degree	Upright(mm)	0
	parallel	No deformation
Density(g/ml)		1.52
Extrude, ml/min		228
Skin dry time(min)		28.8
Hardness(H sA°)		42
Movement ability		±20
Elastic recovery rate, %		98
Tensile modulus, 23°C (Mpa)		0.79
Adhesion properties		No destroy

SV 999 STRUCTURAL SILICONE SEALANT

Features

Excellent weatherability.

High resistance to ultraviolet radiation.

Odorless, non-corrosive cure system.

Excellent unprimed adhesion to wide range of substrates.

Application

Structural glazing and protective glazing application.

Test	Property	Unit	Value
As supplied-Test at room temperature of 25° C and relative humidity of 50%			
GB13477	Flowing, sag(slump)		None
GB13477	Tack free time	Min.	34.2
	Deep section curing	mm/day	1-2
As cured-After 7 days at atmospheric temperature of 25° C and relative humidity of 50%			
GB13477	Hardness, Shore A		42
GB13477	Ultimate tensile strength	M pa	0.96
	Temperature durability	°C	-50 ~ +150
GB13477	Elongation at break, 23°C	%	156

SV 995



SV 995 STRUCTURAL SILICONE SEALANT

Features

One-component, neutral-cure, room temperature curing, construction curtain wall structure silicone sealant
Fast curing speed High strength
Excellent high and low temperature resistant performance and excellent resistance to weathering
Excellent cohesiveness with most of construction material
Good compatibility with other neutral silicone sealant

Application

Applicable to all kinds of glass, stone (marble, granite) curtain wall, joints sealing between aluminum and plastic materials, waterproof sealing. Used for the installation and sealing of all kinds of doors and windows. Used in many other construction and industrial applications.

Item		Standard	Result
Sag degree	Upright(mm)	≤ 3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 2	0.5
Extrude , ml/min		≥ 80	163
Hardness ,shore A		20~60	46
At 23℃,Tensile properties	Tensile Strength(Mpa)	≥ 0.60	1.11
	Bond damage area,%	≤ 5	3.4
	Elongation in maximum tensile strength	≥ 100	184
At 23℃,Tensile modulus(Mpa)	Elongation up to 10%	--	0.14
	Elongation up to 20%	--	0.26
	Elongation up to 30%	--	0.51

SV 2000



SV 2000 ANTI-FUGUS NEUTRAL SILICONE SEALANT

Features

One-component, neutral-cure
Mouldproof, waterproof.
Strong cohesive force.

Application

Applicable to shower room, bathtub, basin, toilet, kitchen equipment, etc.
Applicable to seal and caulk in stone ,glass and other material
Applicable to sealing in ceramic and door .

Item		Standard	Result
Sag degree	Upright(mm)	≤ 3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 3	0.68
Extrude , ml/min		≥ 80	215
Tensile Strength(Mpa)	23℃	>0.4 or >0.6	0.89
	-20℃		-
Adhesion properties		No destroy	No destroy

SV 2300



SV 2300 MIRROR SPECIAL SILICONE SEALANT

Features

One-component, neutral-cure

It is non-corrosive and non-pollution to most material

It has good fire resistant property, it can be at FVO level, it can be self-extinguishing when burning, it does not emit smoke and harmful gases.

Good compatibility with other neutral silicone sealant

Application

Applicable to bathroom mirror, wardrobe mirror, and most decorative glass and other materials sealing.

Applicable to all kinds of doors and windows installed sealing.

Item		Standard	Result
Sag degree	Upright(mm)	≤ 3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 3	0.46
Extrude , ml/min		≥ 80	238
Tensile Strength(Mpa)	23℃	>0.4 or >0.6	0.78
	-20℃		-
Adhesion properties		No destroy	No destroy

SV 9300



SV 9300 FIREPROOF SILICONE SEALANT

Features

One-component, neutral-cure

It is non-corrosive, non-polluting for Various types of stone, concrete and the vast majority of material.

Excellent fireproof performance, achieve FVO grade, it can be self-extinguishing when flame, does not emit smoke harmful gases.

Excellent weather and aging resistance, good adhesion

Application

Applicable to hotels, theaters, KTV and other public places

Applicable to Install windows and doors, curtain wall sealing

Applicable to electronic components fixed

Item		Standard	Result
Sag degree	Upright(mm)	≤ 3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 3	0.46
Extrude , ml/min		≥ 80	238
Tensile Strength(Mpa)	23℃	>0.4 or >0.6	0.78
	-20℃		-
Adhesion properties		No destroy	No destroy

SV 301



SV301 PU FOAM

Features

Low Foam Pressure/Low Expansion – will not warp or deform windows and doors
Quick Setting Formulation – can be cut or trimmed in less than 1 hour
Closed Cell Structure does not absorb moisture

Application

Application where fire retardant properties are required;
Installing, fixing and insulating of door and window frames;
Filling and sealing of gaps, joint, openings and cavities;

Curing System	Moisture-cure	Temperature Resistance	-40℃~+80℃
Tack-Free Time (min)	8~15	Application Temperature Range	-5℃~+35℃
Drying Time	Dust-free after 20-25 min.	Color	white
Cutting Time (hour)	1 (+25℃)	Fire Class (DIN 4102)	B3
	2~4 (-10℃)	Insulation Factor (Mw/m.k)	<20
Yield (L)	45	Compressive Strength (kPa)	>180
Shrink	None	Tensile Strength (kPa)	>30 (10%)
Post Expansion	None	Adhesive Strength(kPa)	>110
Cellular Structure	65~75% closed cells	Water Absorption (ML)	0.3~8(no epidermis)
Specific Gravity (kg/m ³)	18		<0.1(with epidermis)

SV 101



SV101 ACRYLIC SEALANT

Features

Can be painted
cracks within 0.2mm, without repair, direct brush can be waterproof
High and low temperature resistant performance, remain performance constant within -40 °C to 150 °C.

Application

Suitable for all kinds of kitchen, sanitary installation and mildew waterproof seal;
Applicable to all types window and door of glazing, weather seal;
Applicable to Glass, marble, aluminum and other building waterproof seal.

Item		Standard	Result
Sag degree	Upright(mm)	≤3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤3	0.5
Extrude , ml/min		≥80	163
Tensile Strength(Mpa)	23℃	>0.4 or >0.6	0.64
	-20℃		-
Adhesion properties		No destroy	No destroy

SV 201



SV201 Butyl Sealant for Insulating Glass Primary Seal

Features

SV201 is a one part, solvent free , fog free, unsulfurized, permanent plastic first sealant based on polyisobutyl for insulating glass.

SV201 keeps plastic and sealing over a wide temperature range and not crack and harden for sealant surface.

It has good adhesion to glass, aluminum alloy, zinc plating steel. stainless steel and ect.

It could form an excellent humid proof system with elastic sealant.

Application

SV201 is mainly used for insulating glass together with SV8800 two part insulating glass silicone sealant and SV8890 two part silicone structural sealant for insulating glass to finish two layer seal

item	Test result
color	black
Specific gravity	1.20~1.30 g/cm3
Solid content	100%
Temperature resistant range	-40℃ ~ 130℃
Maximum temperature bearable	160℃
Working temperature range	-20℃~80℃
Shear strength	0.13Mpa
Water vapor transmission rate	0.90g/m2.d
Thermal weight loss	0.1%

SV 7000



SV 7000 TWO-COMPONENT POLYURETHANE SEALANT

Features

neutral curing, glass, metal has good adhesion, no pollution to the coated glass, no corrosion;

The shelf life is 12 months in Group A and 9 months in Group B, when stored at -20 ℃ ~ 27 ℃ in dry place.

Application

A component is white, B component is black, the mixing ratio of A: B1 = 10: 1 (volume ratio), after mixing gray-black, the specific sizing method, see the relevant specification.

	Item		Technical indicators		
			20HM	25LM	20LM
1	density （g/cm³）		The predetermined value±0.1		
2	fluidity	Sag （mm）	≤3		
3		Leveling	Smooth		
4	Surface dry time （h）		≤24		
5	Extrusion （ml/min）		≥80		
6	Validity period （h）		≥2		
7	Elastic recovery rate （%）		≥70		
8	Stretch measurement Mpa	23℃ -20℃	>0.4 or >0.6	≤0.4 or ≤0.6	
9	Stretching adhesion		NO destroy		
10	Stretching adhesion （After immersion）		NO destroy		
11	Adhesion （High temperature and low temperature）		NO destroy		

SV 8800



SV8800 TWO-COMPONENT SILICONE STRUCTURAL SEALANT

Features

Two-component, neutral-cure, high modulus structural silicone sealant
 Excellent resistance to weathering
 Excellent cohesiveness with most of construction material without priming
 Good compatibility with other neutral silicone sealant
 The product A group is white, B group is black, A:B volume is 10:1, weight ratio is 14:1. the color is black after mixed.

Application

Applicable to glass curtain wall structural glazing
 Applicable to structural bonding glass curtain wall glass and metal

Item		Standard	Result
Sag degree	Upright(mm)	≤ 3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 3	0.6
Extrude , ml/min		≤ 10	1.58
Tensile Strength(Mpa)	23°C	> 0.4	0.96
Adhesion properties		No destroy	No destroy

SV 8890



SV8890 TWO COMPONENT INSULATING GLASS SILICONE SEALANT

Features

Two-component, neutral-cure, high modulus silicone sealant
 Excellent resistance to weathering
 Excellent cohesiveness with most of construction material without priming
 The product A group is white, B group is black, A:B volume is 10:1, weight ratio is 14:1. the color is black after mixed.

Application

Apply in the second sealing of insulating glass

Item		Standard	Result
Sag degree	Upright(mm)	≤ 3	0
	parallel	No deformation	No deformation
Skin dry time(h)		≤ 3	0.6
Thermal weight loss (%0		≤ 10	1.2
Hardness Shore A		20-60	42
Adhesion properties		No destroy	No destroy