



**GUNUO TIANJIN INDUSTRIAL CO., LTD.**  
WE HAVE BEEN WORKING HARD!

[www.gnspufoamsealant.com](http://www.gnspufoamsealant.com)



## **Construction Grade Silicone Sealant**

The GNS® Construction Grade Silicone Sealant S99 is a neutral cure, one part, non-mixing required, RTV silicone sealant, Mildew resistance which can be applied in kitchen, bathroom and sanitary wares like shower screens, bath-tubs, sink and so on. General glazing application for different substrates like glass, ceramic tiles, porcelains, aluminum. Place where high humidity is encountered. Construction Grade Silicone Sealant S99 can be applied in any season with excellent weathering UV light, vibration, moisture, ozone, temperature extremes.

For GNS® Construction Grade Silicone Sealant, everyone has different special concerns about it, and what we do is to maximize the product requirements of each customer, so the quality of our Construction Grade Silicone Sealant has been well received by many customers and enjoyed a good reputation in many countries. Looking forward to cooperation with you.

### **1.PRODUCT FEATURE OF GNS® CONSTRUCTION GRADE SILICONE SEALANT**

- One part, can be easily used and extruded with common caulking guns.
- Excellent adhesion to most construction materials.
- Outstanding weatherproofing ability, resisting to ultraviolet ray (UV), ozone, snow or temperature extremes.
- Neutral cure, non-acidic, will not corrode metal or other corrosion-sensitive material.
- Resistant to mold and mildew growth.



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# GLASS & METAL SILICONE SEALANT



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## SILICONE SEALANT QUALITY

- Good Adhesion
- No Bubbles
- Multiple Colors

## BETTER APPLICATION FACTOR

- Good Elasticity
- Not East To Break
- Good Recovery



## BUILDING SILICONE SEALANT

- Excellent adhesion to most building materials

## 2.PRODUCT PARAMETER (SPECIFICATION) OF GNS® CONSTRUCTION GRADE SILICONE SEALANT

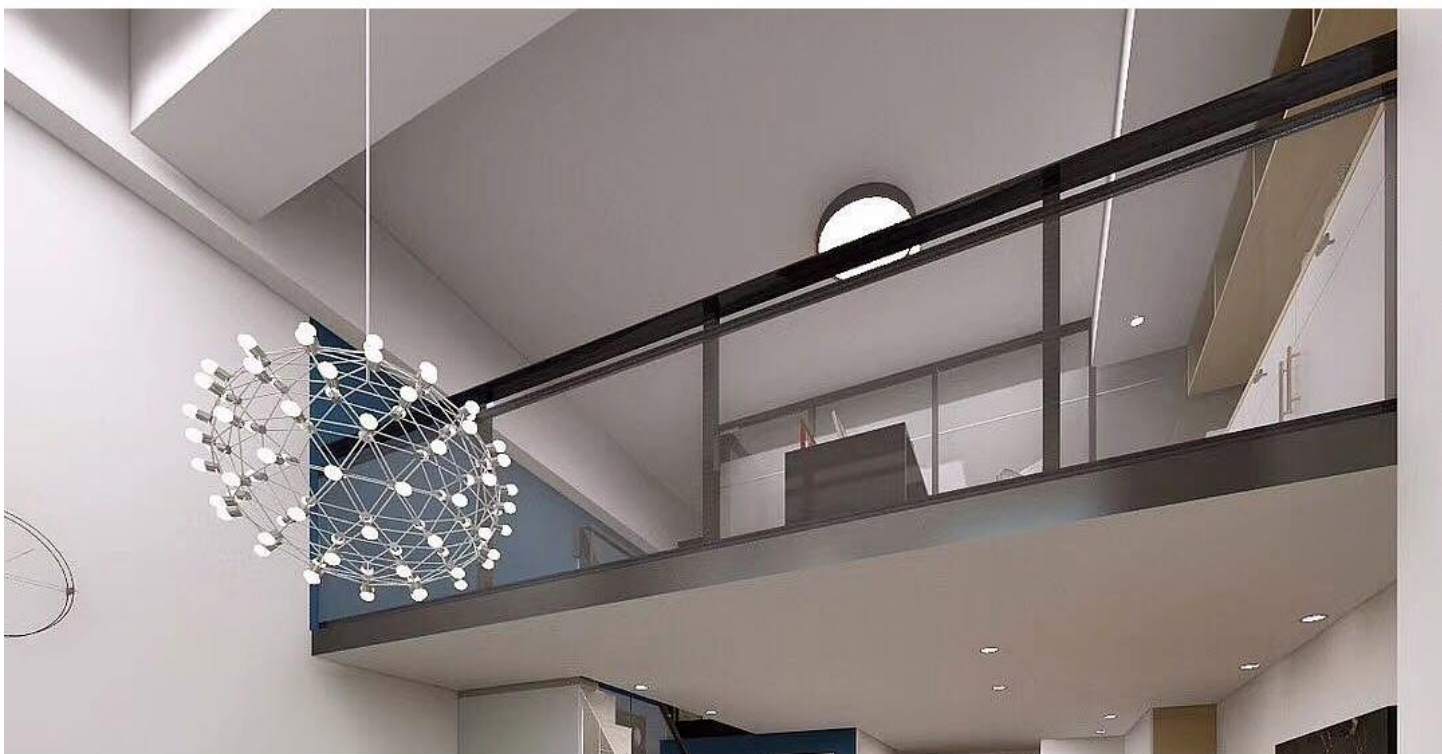
Test Parameter	Unit	Result	
		Translucent	Pigmented
As Supplied Tested at 23°C and 50% RH			
Specific Gravity	g/ml	1.00±0.02	1.43±0.02
Flow (sag or slump)	mm	0	0
Extrusion Rate Skin Time	ml/minute minute	100 5~10	123 ≤80
Tack-free Time	hour	≤1	≤8
Curing time (5mm)	hour	≤12	≤15
As Cured-after 21 days at 23°C and 50% RH			
Durometer Hardness, Shore A	Points	28	36
Elastic Recovery	%	98	98
Movement Capability	%	±25	±40
Tensile/Modulus at 50% Elongation	Mpa	0.27	0.52
Tensile/Modulus at 100% Elongation	Mpa	0.35	0.68
Ultimate Tensile Strength	Mpa	0.37	0.84
Ultimate Elongation at Break	%	175	400

## 3.APPLICATION AREAS OF CONSTRUCTION GRADE SILICONE SEALANT

- Aluminum composite panels cladding, aluminum and glass curtain walls.
- General glazing and weather sealing in curtain walls and building facades.
- Windows & doors perimeter joints. e.g. Vinyl windows, aluminum windows, PVC, UPVC windows etc.
- Glass, aluminum, ceramics, metals, steel, fiberglass, most plastics, tiles, bricks, marble & granite surfaces and so on.

## 4.APPLICATION OF GNS® CONSTRUCTION GRADE SILICONE SEALANT

# PRODUCT APPLICATION RANGE





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# HOW TO USE?



1.Loading the Glue Gun



2.Cut the Bottle Top



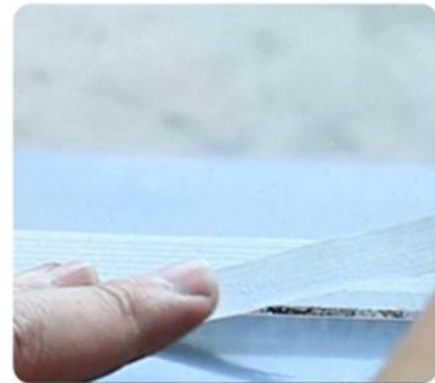
3.Install the Nozzle Into the Bottle Top



4.Cut Nozzle To Desired Based Size



5.Remove Dirt, Grease, Moisture and Old Caulk



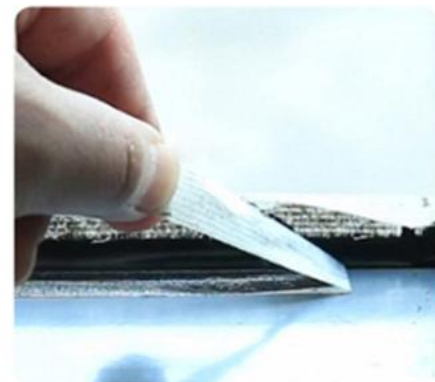
6.Mask Both Sides of Joint With Masking Tape



7.Evenly Gluing



8.Scrape off Any Excess Glue



9.Remove Masking Tape Immediately

## **5.STORAGE AND SHELF LIFE OF CONSTRUCTION GRADE SILICONE SEALANT**

12 months from manufacture date when store in cool dry locations below 25°C, keep away from heat source and direct sunlight during storage.

## **6.PACKING, SHIPPING AND SERVING OF CONSTRUCTION GRADE SILICONE SEALANT**

Packing: 220ml to 300ml of cartridge, 590ml 600ml of sausage, 190L of drum. 24 ctgs/ctn of cartridge, 20 pcs/ctn of sausage. (For special specifications, please contact us.)

Shipping: Sea, air or land transportation

Serving: We provide free design service, and you'll get excellent after-sales service, we committed to solving any problems that may occur when you use our products.



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## COMPANY PROFILE

- The biggest PU foam manufacturer in Asia
- 17 years export experience
- Sold to 72 countries and areas
- Equipped with 32 advanced full-automatic production line
- 50% market share in China
- Accredited to all kinds certificates

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## OUR ADVANTAGES



### QUALITY

Provide stable and good quality assurance



### PACKING

750ml 500ml 300ml, 12 cans/carton.  
(For special specifications, please contact us.)



### TRANSPORT

Sea or land transportation



### TECHNOLOGY

Establish a joint laboratory with WANHUA & DuPont to create products that meet customer needs



### COOPERATION

Customer-centric, looking forward to cooperating with all potential customers



### SERVICE

We provide free design service, and you'll get excellent after-sales service

## 7.FAQ

Q: Can you provide OEM?

A: Yes, we can do OEM.

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Q: What's the difference between Neutral silicone sealant and Acetic silicone sealant?

A. Neutral silicone sealant can be used both indoor or outdoor, but acetic silicone sealant just can be used indoor.

