



## **Structural Silicone Sealant**

The GNS<sup>®</sup> Structural Silicone Sealant N76 is a one part neutral curing silicone sealant designed specifically for structural bonding applications for glass and metal in factory or field situations. Structural Silicone Sealant N76 has excellent weatherproof ability and high resistance to ultraviolet radiation, heat and humidity, ozone and temperature extremes.

High quality GNS<sup>®</sup> Structural Silicone Sealant can meet many applications, if you need, please get our online timely service about Structural Silicone Sealant. And we will offer you the best after-sale service and timely delivery. We look forward to cooperating with you.

### **1.PRODUCT FEATURE OF GNS<sup>®</sup> STRUCTURAL SILICONE SEALANT N76**

- One part, can be easily used and extruded with common caulking guns.
- Excellent adhesion to most construction materials without the primer.
- 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.



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

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

# STRUCTURAL SILICONE SEALANT



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## SILICONE SEALANT QUALITY

- Good Adhesion
- No Bubbles
- Multiple Colors

## BETTER APPLICATION FACTOR

- Good Elasticity
- Not Easy To Break
- Good Recovery



## STRUCTURAL SILICONE SEALANT

- Comply with global standard
- All temperature applicability easy tooling

## 2.TYPICAL PROPERTIES OF STRUCTURAL SILICONE SEALANT N76

Test Parameter	Unit	Result
As Supplied Tested at 23℃ and 50% RH		
Specific Gravity	g/ml	1.32±0.02
Flow (sag or slump)	mm	0
Extrusion Rate Skin Time	ml/minute minute	135 ≤60
Tack-free Time	hour	≤5
Curing time (5mm)	hour	≤12
As Cured-after 21 days at 23℃ and 50% RH		
Durometer Hardness, Shore A	Points	44
Movement Capability	%	±25
Tensile/Modulus at 50% Elongation	Mpa	0.59
Tensile/Modulus at 100% Elongation	Mpa	0.84
Ultimate Tensile Strength	Mpa	1.02
Ultimate Elongation at Break	%	355

## 3.APPLICATION AREAS OF STRUCTURAL SILICONE SEALANT N76

For structural bonding and protective glazing applications.

Facades & Claddings, EIFS, curtain walls and building construction applications.

Surface like glass, aluminium, ceramics, steel, tiles, concrete, precast panel and other common building materials.

## 4.APPLICATION OF STRUCTURAL SILICONE SEALANT N76





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# PRODUCT APPLICATION RANGE







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# HOW TO USE?



1.Loading the Glue Gun



2.Cut the Bottle Top



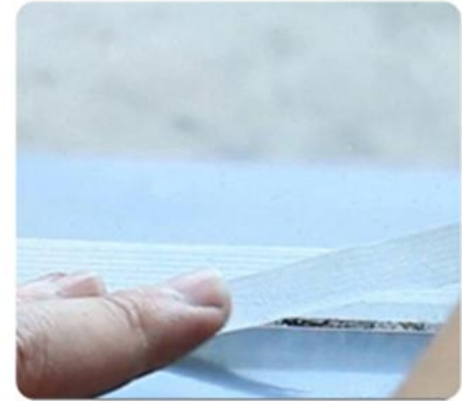
3.Install the Nozzle Into  
the Bottle Top



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

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## **5.STORAGE AND SHELF LIFE OF STRUCTURAL SILICONE SEALANT N76**

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

## **6.PACKING, SHIPPING AND SERVING OF STRUCTURAL SILICONE SEALANT N76**

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.



## OUR FACTORY







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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: What are the advantages of GNS?

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A: 1. GNS has 18 years production experience for silicone sealant product, annual production capacity is 40,000 tons.  
2. Good & stable quality with competitive price, timely delivery and provide free and professional OEM design.  
3. Participate in many foreign exhibitions every year, such as Dubai, Brazil, Ukraine, Russia and so on, so we know well for these markets.

Q: What's the impact of silicone sealant with bubble?

A. No bubble on the silicone sealant surface is a common performance for a good quality PU foam; if the silicone sealant has bubble, the silicone rubber is easy to break after curing.

