



**GUNUO TIANJIN INDUSTRIAL CO., LTD.**

WE HAVE BEEN WORKING HARD!

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



## **Professional Roof Silicone Sealant**

The GNS® Professional Roof Silicone Sealant is an one part, non corrosive neutral cure silicone sealant, which has very good UV and weather resistant, superior adhesion to a wide range of surfaces, resulting in a lasting finish. It has a 25 years guarantee against crumbling, cracking or drying.

GNS is a professional China GNS® Professional Roof Silicone Sealant manufacturer and supplier, if you are looking for the best Professional Roof Silicone Sealant with right price, consult us now! We enjoy a reputation of quality, ethics and service, we are expecting become your long-term partner in China.

### **1.PRODUCT FEATURE OF GNS® PROFESSIONAL ROOF SILICONE SEALANT**

- 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.



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## SILICONE SEALANT QUALITY

- Good Adhesion
- No Bubbles
- Multiple Colors

## BETTER APPLICATION FACTOR

- Good Elasticity
- Not East To Break
- Good Recovery



## STRUCTURAL SILICONE SEALANT

- Comply with global standard

## 2.TYPICAL PROPERTIES OF GNS® PROFESSIONAL ROOF 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	1.32±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 PROFESSIONAL ROOF SILICONE SEALANT

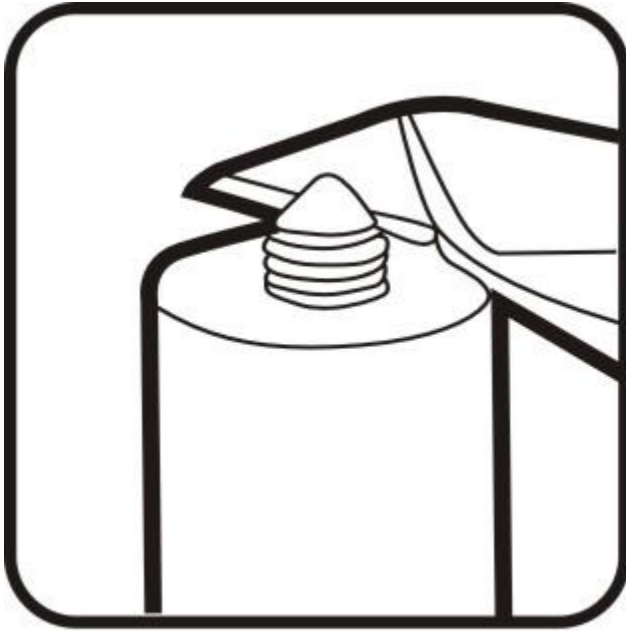
- For metal (aluminum, copper, brass and zinc) and tile roofing
- All metal lap-joint waterproofing
- Colorbond roofs and fences
- Rigid PVC and most plastics including polystyrene
- Skylights, canopies and general glazing
- Guttering and flashing
- Vents and downpipes
- Weatherproofing caravans and trucks

## 4.APPLICATION OF PROFESSIONAL ROOF SILICONE SEALANT



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1



2

--Thoroughly clean and dry surface from oil, dirt and grease. Allow to dry completely before applying silicone.

--Cut the seal at the top of the cartridge and cut the nozzle at a 45° angle, to the size of the gap opening. Screw the nozzle to the top of the cartridge.

--Place the cartridge into a caulking gun.

--Hold the caulking gun at a 45° angle. Press the nozzle opening against the joint, apply steady pressure to the caulking gun and extrude the silicone sealant forcing the sealant into the gap and move in a pushing motion, along the joint in one smooth action.

--Sealant will cure fully in 48 hours. As this point any unwanted sealant can be removed by trimming with a sharp blade, but avoid under cutting the seal.

## **5.STORAGE AND SHELF LIFE OF PROFESSIONAL ROOF 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 PROFESSIONAL ROOF 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



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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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# OUR FACTORY



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Email:[enquiry@gnsealant.com](mailto:enquiry@gnsealant.com)



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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'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.

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Q: Except for silicone sealant, what other products you can provide us together?

A: We also produce the PU Foam, MS Sealant, Marble Glue, Two-component epoxy adhesive, Two-component insulating foam.

