

We are GNS

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One-Stop **Adhesive** Manufacturer





PROFILE

GNS is a group of companies in China, it established in 2003, there are 5 branches in China:
 Gunuo Tianjin Industrial Co, Ltd. (Headquater: 200000 square meters)
 Foshan Gunuo Silicone Co, Ltd.
 Anhui Weilang Chemical Technology Co, Ltd.
 Shanghai R&D Branch
 Guangzhou Global Business Branch

GNS Group has been committed to technical researches, manufacturing and marketing of PU foam and sealants products, as well as providing sealing and bonding solutions for all over the world.

In order to ensure product quality and meet the requirements of more customers, GNS introduced more than 30 domestic and foreign automatic production equipments, annual capacity is over than 200 Million pieces. Nowadays, GNS occupy more than 35% domestic market share and the products have been sold to 82 countries and regions in the world which cover Europe, Asia, South America, Latin America, Middle East and Africa. GNS Product quality meet and through the EU, Australia and other relevant quality certification.

As the top 3 manufacturer of PU foam in Asia and one stop adhesive product supplier, GNS Group has been striving for providing the better sealing and bonding solutions for customers. GNS has established a strategic partnership with DuPont, BASF, etc, and built a complete product R&D laboratory in Shanghai to provide customers with more professional and comprehensive solutions.

In order to provide better services to the customers, GNS adheres to the core values of technological innovation and people-oriented business philosophy, lead the industry progress. GNS look forward to cooperating with you and developing together. Choose GNS, your life long reliable partner.



OVERVIEW

CERTIFICATION

CE
 BV ASTM
 ISO14001 FDA bsi.
 TUV ISO9001
 Émissions dans l'air intérieur A+

-Partnership-



POLYURETHANE FOAM



GNS Professional Use PU Foam



GNS PRO Use PU Foam is the highest yield PU foam product, which is independently developed by our company. After years of continuous research and development, the formulation is getting more and more mature.

Compared to the same level products in the market, it has the longest running meters, which is generally called highest yield. As the pictures show, it could be 1.5 times more than other brands.

Advantage

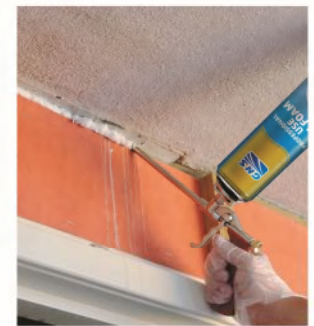
- 28 Running meters
- High Intensity
- Pre-Expansion
- High Elasticity
- Small Cell
- B1 Fire Retardant

Packaging

750ml/pcs, 12pcs/ctn, Gun Type

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS Professional Use PU FOAM				900g G.W./750ml	
Testing Item		Unit	Standard	Actual Value	
Density		Kg/m ³	≥10	15.9	
Thermal Conductivity		W/(m·k)	≤0.050	0.037	
Yield		L	>30	65	
Dimensional Stability	Expansion Orientation	/	≤5%	2.70%	
	Landscape Orientation	/		4.40%	
Fire-retardant Class		/	B2	B1	
Adhesive Intensity	Aluminium Sheet	Standard Condition	Kpa	≥80	178
		Immersion after 7 days	kpa	≥60	110
	PVC Sheet	Standard Condition	kpa	≥80	209
		Immersion after 7 days	kpa	≥60	170
	Cement and Sand-mortar Sheet		kpa	≥60	106
Shear Strength (Aluminium Sheet)		kpa	≥80	213	



GNS A88 Subfloor PU Adhesive



GNS A88 Subfloor PU Adhesive is an one component aerosol polyurethane adhesive foam curing swiftly with moisture. Providing very fast and powerful adhesion for various construction materials, especially highly recommended for heat insulation systems.

Application Areas

Best for mounting heat insulation panels and fligvoids during adhesive application. Advised for wooden type construction materials adhesion to concrete, metal etc. Applications needed minimum expansion. Mounting and isolation for frames of windows and doors.

Feature

- Revolutionary high yield –1 bottle could adhesive about 3 m²
- Extremely strong bond
- Adheres to dry, wet, treated and frozen lumber
- Reduces nail pops, call backs and squeaks
- Thermal and sound insulation

Packaging

750ml/pcs,12pcs/ctn, Gun Type

Storage: 9 months in original packaging store in temperature between +5°C and +25°C.



GNS A99 PU Adhesive Foam



GNS A99 is high innovative one-component and ready-to-use Polyurethane Adhesive Foam, an adhesive designed to fix EPS and XPS boards to facade walls, roof and foundations during the external thermal insulation of buildings. The adhesive is compatible with all External Thermal Insulation Systems available on the market used with foamed polystyrene especially. Wide range of adhesion and elasticity gives confidence of strong bonding.

Application Areas

Best for mounting heat insulation panels and fligvoids during adhesive application. Advised for wooden type construction materials adhesion to concrete, metal etc. Applications needed minimum expansion. Mounting and isolation for frames of windows and doors.

Feature

- External thermal insulation materials bonding, such as EPS &XPS
- Save 25kg powder adhesive for bonding insulation boards
- Prevent from heat escape and thermal bridges formation

Packaging

750ml/500ml/300ml/pcs,12pcs/ctn, Straw Type & Gun Type

Storage: 9 months in original packaging store in temperature between +5°C and +25°C.



GNS B1 Fire Retardant PU Foam

GNS B1 is a single component, moisture curing, self-expanding, ready to use polyurethane foam with propellants which are completely harmless to ozone layer. It has a fire resistance up to 235 minutes, recommended for sealing applications where fire resistance is required.

Features

According to EN 1366-4 fire resistance up to 235 min
Efficient seal against smoke and gas.
Excellent adhesion & filling capacity.
Does not contain CFC' s and H-CFC' s.
Conforms to fire class B1 (DIN 4102)

Benefit

B1 Fire Rating

High yield – Up to 55L

Stronger surface after curing



Packaging

750ml/500ml/300ml/pcs, 12pcs/ctn, Straw Type & Gun Type

Storage: 9 months in original packaging store in temperature between +5°C and +25°C.



GNS W33 Winter Foam

GNS W33 is a highly innovative Polyurethane Foam with high yield and superior foam structure. It is specially designed for application under temperature as low as -18°C and as high as +35°C. Thus, the foam is able to perform excellent both winter and summer.

Features

Good adhesion to a wide variety of surfaces
Excellent filling capacities
CFC-free propellants and environmentally friendly

Benefit

Can be applied under temperature as low as -18°C

Can be applied under temperature as high as +35°C

Fast cure in low temperature



Packaging

750ml/500ml/300ml/pcs, 12pcs/ctn, Straw Type & Gun Type

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS F44 (B2) Fire Retardant PU Foam

GNS F44 is a high innovative one-component, self-expanding and ready-to-use Polyurethane Foam developed for professional mounting of doors and windows, filling gaps, where fire resistance is required. The product provides excellent seal against smoke and gas. The foam will extinguish after departing from fire.

Features

Excellent insulation ability
Application temperature is between +5°C to +35°C
Optimal application temperature is between +18°C to +25°C
CFC-free propellants and environmentally friendly

Benefit

B2 Fire Rating

High yield – Up to 50L

Stronger surface after curing



Packaging

750ml/500ml/300ml/pcs, 12pcs/ctn, Straw Type & Gun Type

Storage: 9 months in original packaging store in temperature between +5°C and +25°C.



GNS H77 Wagon Sealing Foam

GNS H77 is a one component aerosol polyurethane foam curing swiftly with moisture. Providing very fast and powerful adhesion for wagon gaps.

Application Areas

It can be applied to the wagon gaps for protecting the coal, mineral, sands from exfiltration while delivery.

Feature

Powerful adhesion

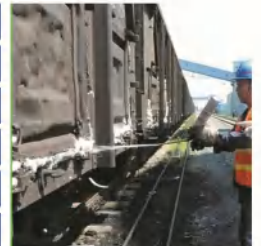
Instant skin cure

No sag

Cover 7~9 m (Depth 3cm* Width 4cm)

Very cost effective

Waterproof after cured



Packaging

750ml/pcs, 12pcs/ctn, Gun Type

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS A11 Multi-Use PU Foam

GNS A11 is high quality and excellent performance Polyurethane Foam. It is specially designed for professional usage. It has excellent adhesion, strong adhesion and stability characteristics.

Features

Excellent filling capacities and sealing ability
Smooth cell density
CFC-free propellants and environmentally friendly

Benefit

High yield – Up to 45L

German quality

Superior hardness

Packaging

750ml/500ml/300ml/pcs, 12pcs/ctn, Straw Type & Gun Type

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS A22 General Purpose PU Foam

GNS A22 is one-component polyurethane foam designed for general purpose. It is a superior stability foam that shows good anti-shrinkage in high temperature and good elasticity in low temperature. It is a low investing product which has excellent color and density.

Features

Excellent filling capacities and insulation ability
Application temperature is between +5°C and +35°C.
CFC-free propellants and environmentally friendly.

Benefit

High bonding strength

High energy efficiency, blocks heat loss

Superior stability

Packaging

750ml/500ml/300ml/pcs, 12pcs/ctn, Straw Type & Gun Type

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS A15 Wooden & Doors PU Foam

GNS A15 is one-component, self expanding, high quality Polyurethane Foam developed for mounting of all wooden door frames with special formulation for multiple use which provides easy application and high durability.

Features

Good adhesion to wooden door frames
Sealing of all openings in door constructions
CFC-free propellants and environmentally friendly
Application temperature is between +5°C to +35°C

Benefit

Excellent filling capacities

High thermal & acoustical Insulation

Stable dimension for filling doors

Packaging

750ml/500ml/300ml/pcs, 12pcs/ctn, Straw Type & Gun Type

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS A40 All Purpose PU Foam

GNS A40 is one-component, economical and excellent performance Polyurethane Foam. It is fitted with a plastic adaptor head for use with a foam application gun or a straw. The foam will expand and cure by moisture in the air. It is used for wide range of building applications. It is very good for filling and sealing with excellent mounting capacities, high thermal and acoustical insulation.

Features

Good adhesion to a wide variety of surfaces such as uPVC, masonry, brick, block work, glass, steel, aluminum, timber and other substrates (except PP, PE and Telflon).
Good filling capacities.
Application temperature is between +5°C and +35°C.
CFC-free propellants and environmentally friendly.

Benefit

General purpose

High working speed, lower investment costs

Environmentally friendly

Packaging

750ml/500ml/300ml/pcs, 12pcs/ctn, Straw Type & Gun Type

Storage: 9 months in original packaging store in temperature between +5°C and +25°C.



GNS T66 Thermcoat PU Foam



GNS T66 Thermcoat PU Foam is a new kind of PU Foam for top quality heat and sound insulation at buildings and houses. It provides a unique, monolithic thermal insulation application without junctures, seams and gaps. An innovative alternative to traditional building insulation methods such as polystyrene heat insulation boards, glass wool and rock wool. Single-component product used with an applicator gun. It does not contain any propellant gases which are harmful to the ozone layer.

Application Areas

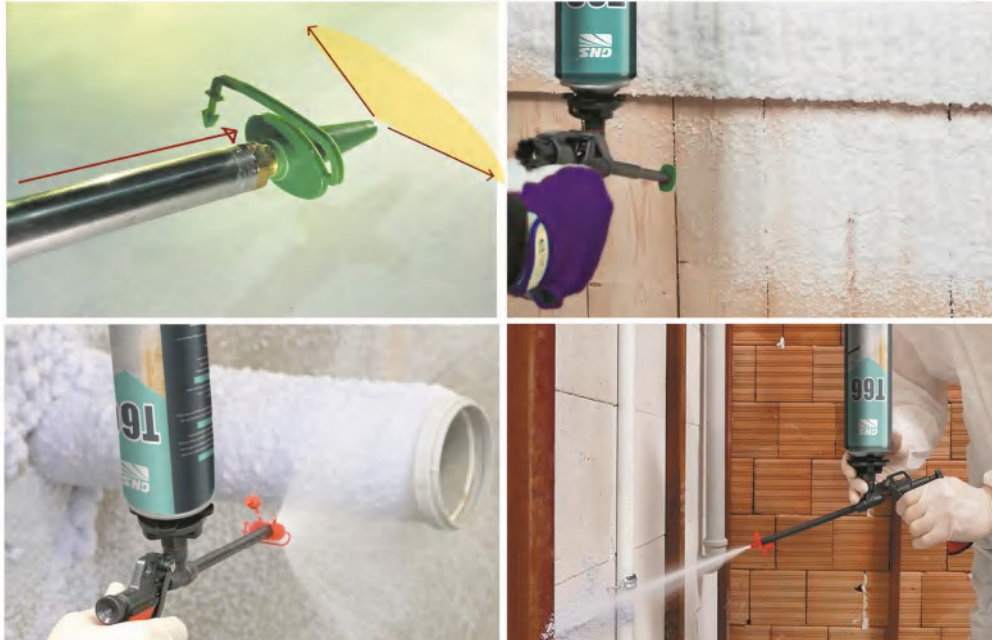
Roofs, attics, facades, foundations, basements, floors, interior walls, interfloor overlappings, interior partitions, ceilings and cellars,
Structural elements of buildings, balcony, loggia, doors, window slopes, pipes, canals and tank kind round surfaces, uneven and rough all surfaces,
Car body and car trailers, boats, yachts, vessels and all kind of sea vehicles.

Feature

- External thermal insulation materials bonding, such as EPS & XPS
- Save 25kg powder adhesive for bonding insulation boards
- Prevent from heat escape and thermal bridges formation

Packaging

750ml/pcs, 12pcs/ctn, Gun Type With Spray Nozzle
Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS Insulation Spray Foam



GNS Insulation Spray Foam is a two-component, quick-cure polyurethane foam that fills cavities, penetrations, and cracks in rim joists, roof wall junctures and around pipes and ducts up to 2" thick. GNS Insulation is a chemically cured foam designed to significantly reduce curing time. It dispenses, expands, and becomes tack-free in seconds, saving pros time on the Jobsite.

Features

- Bonds to wood, rigid foam, masonry, metal, drywall, and more.
- Reduces the potential for moisture, mold, mildew, allergens, and rot.
- Provides a high level of insulating R-value on initial application
- Expands quickly to fill larger gaps and penetrations greater than 2"



GNS Post Fix Anchor



GNS Post Fix Anchor is expanding composite designed to fill the peripheral void between a post and the hole for load bearing applications. It expands immediately after mixing and holds the posts in 3-5 minutes. Additional work can be done on posts in 15-30 minutes after the material hardens. It does not require water, sets posts in minutes and becomes water-resistant, once fully cured, to help protect posts against rotting. It has been tested and been found to not provide a food source for termites.

Application Areas

- Fence gate posts
- Mail box posts
- Signage posts
- Lamp posts



Using Step

Step 1. Roll



Step 2. Mix 30 Second



Step 3. Cut



Step 4. Pour
Set for 3-5 Minutes



GNS Two-Component Filling PU Foam



GNS Two-Component Filling PU Foam is an all water foaming system, which contains polyols, catalysts, foam stabilizers and flame retardants. It react with Part B to produce rigid polyurethane foam. It has good dimensional stability and heat conductivity for the production of thermal insulation foam and profile cavity filling.

Features

- Environment Friendly;
- Fast Filling Speed & Very Short Curing Time;
- Rigid Polyurethane Foam;
- Low Thermal Conductivity;
- Closed Cell System.

Benefit

It can effectively stop the heat sources and reduce heat loss, and ensure that the product can be used in severe cold areas without condensation and frost. And it can also be obvious in severely hot areas. It can reduce the power consumption of air conditioners, which is very suitable for projects that require high thermal insulation performance.

Application Areas

- Ultra-wide heat insulation strip design;
- Automobile type extrusion seal design;
- Three-layer glass notch and warm edge design;
- Profile cavity filling.

Recommended Processing

Machine Type: Low or High Pressure Machine
 Machine Temperature: 10-35°C
 Material Temperature: 18-22°C
 Demould Time: 30min (100mm thickness)
 Sample Size: 500*500*100mm

Packaging

Standard Size
 Part A - 220kgs
 Part B - 250kgs
 Special Size Contact us for special size



GNS Two-Component Spray PU Foam



GNS Two-Component Spray PU Foam is a polyol blends used for the manufacture of spray foam for thermal insulation. It is a water blown system, contains polyols and all necessary additives. It can react with polymeric MDI to get rigid polyurethane foam. It is a spray- applied material that is widely used to insulate buildings and seal cracks and gaps, making the building more energy- efficient and comfortable.

Features

- Customization;
- Rigid Polyurethane Foam;
- High Cover Rate;
- Closed Cell System;

Benefit

It provides a continuous, protective air barrier that helps to minimize air intrusion, and provides exceptional performance in the reduction of heat transfer.

Application Areas

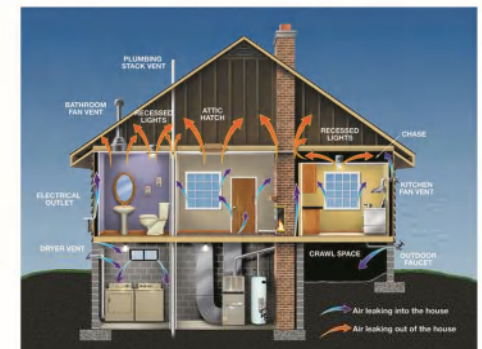
- Wall Insulation: Maintains indoor air temperature, seals cracks and improves energy efficiency;
- Roofing: Protect against moisture, improves energy efficiency and increase wind resistance;
- Sealant: Minimizes air leaks, reduces sound, seals windows and doors, and helps keep out insects rodents and allergens;
- Manufactured Homes: Serves as an adhesive for wall and ceiling panels;
- Containers: Insulates tanks or vessels for liquids that need to maintain a consistent temperature;
- Warehouses: Insulates refrigerated warehouses, meat and dairy processing plant, and distribution centers for frozen foods and fresh produce.

Recommended Processing

Machine Type: High Pressure Machine
 Machine Temperature: 35-45°C
 Material Temperature: 18-22°C
 Demould Time: 30min (100mm thickness)

Packaging

Standard Size
 Part A - 220kgs
 Part B - 250kgs
 Special Size Contact us for special size



SILICONE SEALANT



GNS N60 Weatherproof Silicone Sealant



GNS N60 is one part, neutral cure, high performance weather seal silicone sealant which exhibits outstanding physical properties for projects and general building constructions applications.

Features

Excellent weatherability, virtually unaffected by sunlight, rain, snow, ozone
 Excellent unprimed adhesion to a wide variety of construction materials and building components
 Idea for connection, perimeter and other movement joints
 Neutral cure, suitable for coated glass, galvanized steel, masonry and other porous and non-porous substrates
 Comply with global standard

Application Areas

Aluminum composite panels cladding, aluminum masonry 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 plastic, stiles bricks, marble & granite surfaces and so on.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS N76 Structural Silicone Sealant



GNS N76 is one part neutral cure silicone sealant designed specifically for structural bonding applications for glass and metal in factory or field situations. It has excellent weather-ability and high resistance to ultraviolet radiation heat and humidity, ozone and temperature extremes.

Features

High performance structural glazing and weather sealing in one product
 Suitable for all kinds of structural glazing application, curtain wall application
 All temperature use available, easy tooling
 Comply with global standard

Application Areas

For structural bonding and protective glazing applications:
 Facades & Claddings, EIFS, curtain walls and building construction applications:
 Surface like glass, aluminum, ceramics, steel, tiles, concrete, precast panel and other common building materials.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS N95 Glass Panel Sealant



GNS N95 is a single-component, acetoxy cure, professional quality Glass sealant suitable for general glass and panel applications. It has very good weathering resistance durability sealing and bonding properties. Quick skin time for fast installation work.

Features

Food grade
 Suitable for all kinds of glazing applications
 All temperature use available easy tooling
 Comply with global standard
 Cures at room temperature when exposed to moisture in the air

Application Areas

For Total Vision System (TVS)
 Aquarium, fish tank and general decorative usages, Skylights, canopies and general glazing
 For butt-joints and corner joints. For special architectural glazing
 Non-oily wood and some other construction materials.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS S77 Weatherproof Neutral Silicone Sealant



GNS S77 is cost effective multi-purpose, neutral cure silicone sealant offering long term durability in range of general sealing, general glazing, water proofing and other applications.

Features

- Low Odor
- Excellent adhesion to ceramics, steel, concrete, metal; and coated surface
- Outstanding weatherproofing ability, resisting to ultraviolet ray, ozone snow or temperature extremes
- No seasonal limited use
- Non-acidic, will not corrode metal or other corrosion-sensitive material

Application Areas

- Joints and cracks in gutters, Flashing, Downpipes
- Lap joints, Skylights, Cladding walls
- Vent and HVAC ducts systems

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS S88 Glass & Metal Silicone Sealant



GNS S88 is one part neutral cure construction grade silicone sealant that easily extruded in any weather. It cures at room temperature with moisture in the air to produce a durable, flexible silicone rubber seal.

Features

- Provides permanent elasticity
- Not affected by exposure to sunlight, rain, snow and maintains it over many years
- Exceptional resistance to temperature extremes
- Very low odor and noncorrosive
- Excellent flexibility and adhesion to numerous porous and non-porous

Application Areas

- General glazing and weather sealing in curtain wall and building facades.
- Sealing leaking gutters and downpipes.
- Suitable for sealing Glass, Aluminum, Brick, Concrete, Steel, Ceramic, Fiberglass, Some Plastic e.g. Windows & Doors, and so on.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS S99 Building Silicone Sealant



GNS S99 is 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 applications for different substrates like glass, ceramic tiles, porcelains, aluminum place where higher humidity is encountered. Can be applied in any season with excellent weathering UV light, vibration, moisture, ozone, temperature extremes.

Features

- Very low odor and noncorrosive
- Excellent flexibility and adhesion to numerous porous and non-porous
- Substrates for large scale construction and glazing applications.
- Fast curing, low modulus, high elasticity.
- High viscosity non slump formula.

Application Areas

- Weather sealing and joint sealing for walls, windows and doors.
- Sealing and mounting the window and door frames,
- Sealing applications of marble, stone and other porous substrates,

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS G11 Acetic Silicone Sealant



GNS G11 is one part, acetoxy silicone sealant. It has very good weatherproof, waterproof and good adhesion ability to most construction materials..

Features

- Acetoxy cure silicone sealant
- Excellent adhesion
- Easy application

Storage: 9 months in original packaging store in temperature between +5°C and +25°C.

GNS G22 General Purpose Silicone Sealant



GNS G22 is a cost effective, general purpose acetoxy cure silicone sealant which offers long term durability in a range of general sealing and general glazing applications. It can be used to glaze, seal and fill joints on windows, signs, internal fixtures and fittings like doors and so on.

Features

- Acetoxy room temperature cure
- Outstanding weatherproofing ability, resisting to ultraviolet ray, ozone, snow, or temperature extremes

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS G33 Fast Curing Silicone Sealant



GNS G33 is acetoxy cure, one part RTV silicone sealant. Faster cure than normal silicone sealant. Can be applied on glass, ceramics vitreous enamels, shelves, counter cabinets, signs and many other building materials.

Features

- Fast cure; Anti-fungus
- Can be applied in any season
- Excellent resistance to weathering, UV light, vibration, moisture, ozone, temperature, extremes airborne pollutants, cleaning detergents and many solvents

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS G44 TVS & Butt Joint Silicone Sealant



G44 is one part of high performance silicone sealant with ultimate tensile strength mechanism properties for curtain wall, Total Vision System (TVS) and architectural applications.

Features

- Cures to a strong, flexible seal capable of withstanding movement in and around the joint
- Outstanding weatherproofing ability, resisting to ultraviolet ray, ozone, snow, or temperature extremes.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS S5200 Insulating Glass Silicone Sealant



It is two parts neutral cure, specially for use as a secondary sealant in a dual-sealed insulating glass unit. It has excellent adhesion to glass and metal substrates, such as galvanized steel and aluminum.

Features

- Outstanding adhesion to a wide range of substrates including coated and reflective glass, aluminum and steel spacers and a variety of plastics
- Excellent temperature stability -50°C to +150°C
- High level of mechanical properties. High modulus
- Fast curing time
- Outstanding resistant to ozone and ultra-violet (UV) radiation
- Stable viscosity for A & B components, no heating required

Benefit

- Excellent unprimed adhesion to glass
- Consistently non-slump, permitting automated glazing
- Excellent usable life stability
- Adjustable cure rate ranging from 30 to 50 minutes
- Non-corrosive by-product

Mixing

To obtain ultimate physical properties, should be thoroughly mixed using and airless mixing system. The mixed ratio is 10: 1 by volume, 13: 1 on weight (at 50% RH at 25°C)

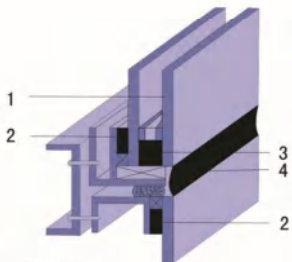
Packaging

- Standard Size
- Part A - 190L
- Part B - 19L
- Contact us for special size

Colors

- Part A - White
- Part B - Black
- After Mixing: Black

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



- Noted:
1. Insulating glass unit
 2. Two Parts Structural sealant
 3. Insulating Glass silicone sealant
 4. Weatherproof silicone sealant

Test Parameter	Unit	Result
Specific Gravity	g/cm ³	1.66
Flow (sag or slump)	mm	vertical 0
		level 0
Skin time	h	0.5
Applicable time	min	30-60
Hardness	Shore A	40
Elastic recovery rate	%	86
Tensile adhesion	Tensile bond strength	MPa 0.68
	Maximum tensile strength test elongation	% 65
	Bonding failure area	% 0
Tensile adhesion after hot air aging	Tensile bond strength	MPa 0.68
	Maximum tensile strength test elongation	% 89
	Bonding failure area	% 0
Tensile adhesion after water-UV treatment	Tensile bond strength	MPa 0.47
	Maximum tensile strength test elongation	% 138
	Bonding failure area	% 0



GNS S2200 Two Parts Structural Sealant

It is two parts neutral cure silicone sealant. It has high performance specifications for making it suitable for secondary seal insulating glazing.

Features

- Structural capability
- Outstanding adhesion to a wide range of substrates including coated and reflective glass, aluminum and steel spacers and a variety of plastics
- The cured product exhibits excellent weathering characteristics and a high resistance to ultra-violet (UV) radiation heat and humidity
- High level of mechanical properties, high modulus
- Odorless and non-corrosive cure
- Outstanding resistant to ozone and ultra-violet (UV) radiation

Benefit

- Outstanding adhesion to a wide range of substrates including coated and reflective glass, aluminum, steel spacers and a variety of plastics
- Structural capability as secondary sealant for insulating glass units used in structural glazing
- Consistently non-slump, permitting automated glazing
- Excellent usable life stability
- Adjustable cure rate ranging from 30 to 50 minutes
- Non-corrosive by-product

Mixing

To obtain ultimate physical properties, should be thoroughly mixed using and airless mixing system. The mixed ratio is 10: 1 by volume, 13: 1 on weight (at 50% RH at 25°C)

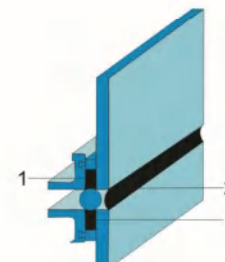
Packaging

- Standard Size
- Part A - 190L
- Part B - 19L
- Contact us for special size

Colors

- Part A - White
- Part B - Black
- After Mixing: Black

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



- Noted:
1. Two Parts Structural sealant
 2. Weatherproof silicone sealant

Test Parameter	Unit	Result
Specific Gravity	g/cm ³	Part A 1.37
Flow (sag or slump)	mm	vertical 0
		level 0
Skin time	h	1.5
Applicable time	min	30-60
Hardness	Shore A	44
Tensile Strength	23°C	MPa 1.23
	90°C	Mpa 0.82
	-30°C	Mpa 2.01
	After soaking in water	MPa 1.05
	After Water - UV	Mpa 0.96
Bonding failure area	%	0
23°C Maximum tensile strength test elongation	%	176
Mass loss	%	1.9



GNS MS Polymer Sealant

GNS MS Sealant is the sealant with three different functions sealing, adhesion, gap-filling. This sealant can be coated with paint and has good elastic recovery and UV-, heat-, weather-proofing properties suitable for interior and exterior.

Features

Solvent-free, PVC-free, isocyanate-free, non-toxic, odorless, and non-polluting to the environment;
Low modulus, Excellent movement ability 25%;
Excellent adhesion to most construction materials, Stone, metal, ceramics and concrete;
Paintable, non-staining waterproof and eco-friendly product

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS No More Nails

GNS No More Nails is premium grade multipurpose construction adhesive that delivers a consistently stronger and lasting bond on most building substrates including wood, particle board, building board, masonry, aluminum, galvanized iron, steel, concrete, marble and granite. The adhesive is a very versatile product which exhibits excellent water resistance, flexibility, good temperature and good slump resistance.

Application Areas

Wood fills, doorsteps, Construction boards, paneling, wood strips, House numbers, wall paneling boards;
Ceramic tiles, suspension hooks, sockets and skirting boards;
Architectural and non-structural joints.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS G212 Gap Filler

GNS G212 Gap Filler is one part, general purpose, water based acrylic sealant that cures to a flexible and tough rubber with good adhesion to porous surface without primer. It is suitable for sealing and filling gaps or joints where low demands of elongation are required.

Application Areas

For gap filling in both exterior (painted) and interior situations.
For using in gaps and cracks on plaster, timber, plaster boards, around window and door frames, between skirting and walls, and along stairways.
Sealing of indoor connection joints with low movement in substrates such as concrete, aerated concrete, plaster, fibre cement, brick, plasterboard, aluminium, PVC and wood.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS SA36 Siliconized Acrylic Sealant

GNS SA36 Siliconized Acrylic Sealant is one-component acrylic emulsion based sealant reinforced with silicone emulsion. It has superior adhesion and good elasticity.

Features

Water based & Non-toxic, Very low VOC content, No odour.
Water-proof after curing,
Over paintable,
Can be used on all porous surfaces such as brick, concrete, wood etc.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS PU365 Automobile PU Sealant

GNS PU365 Automobile PU Sealant is one component polyurethane based elastic polymer, which cures under the effect of atmospheric humidity to form a flexible and resistant joint with very good adhesion on most materials.

Application Areas

It is special designed for apply in bonding and sealing in the automobile repair market
Suitable for sealing the body of train, coach, truck, and ship
Somewhere like cool room, container, or coach panels

Storage: 9 months in original packaging store in temperature between +5°C and +25°C.



GNS PU765 Construction PU Sealant

GNS PU765 Construction PU Sealant is multifunction gun grade polyurethane based construction sealant, it is of high modulus and cures by reaction with atmospheric moisture to form a soft rubber like material with moderate elasticity and high adhesion strength.

Application Areas

Suitable for joints where high resistance to penetration and pressure are required.
For joints where low movement capacity are required.
Joints in construction, paving, airport and bridge runway.
Seams on water pipe (back to water).

Storage: 9 months in original packaging store in temperature between +5°C and +25°C.



GNS Two-Component Epoxy Grout

GNS Two-component Epoxy grout is uses the latest environmentally friendly technology and advanced process two-component epoxy resin AB glue joints agent beauty refined, non-toxic and environmentally friendly, high bonding strength, good toughness, oil, water, acid and alkali, good insulation and many other advantages, wide range of applications, room temperature curing.

Features

Form permanently water repellent layer after curing. Cleans up easily with water.
Decorate the gaps of tiles with customized color.
Flexibility – Resist cracking.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS Epoxy Chemical Anchor

GNS Epoxy Chemical Anchor is solvent-free, epoxy acrylate based, two component anchoring adhesive. It is suitable for use in concrete, stone, perforated bricks and cavity blocks in a wide range of applications.

Features

Suitable for rods and reinforcing bars in plain and hollow structures;
Very low odour;
Easy to extrude and to inject;
Thixotropic, can be applied in vertical and horizontal direction.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS Hi-Temp RTV Silicone Gasket Maker

GNS Hi-Temp RTV Silicone Gasket Maker is a one part, acetoxy cure, high quality silicone sealant which withstands very high temperatures: up to +315°C during permanent work and up to +365°C for temporary contact. It has excellent adhesion properties to most building materials including engine applications.

Application Areas

Bonding, sealing, assembling by decantation and protection coverings of parts used high temperature. E.g. Kiln tapes, chimney filters and heating units, Engines, power units, coolers and motors pumps.

Available for use in: Valve Covers, Intake Manifolds, Oil Pump Flanges, Transmission Pans, Water Pumps

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS AB Glue

GNS AB Glue Modified Acrylate Adhesive has high bonding strength, good toughness and good weather resistance. It can quickly solidify at room temperature (25°C) and can be widely used in various ceramics, metals, crystals, jade and other materials. It has good insulation and pressure resistance after curing.

Features

Multiple functions;
Good bonding ability;
Strong repairing ability.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS Epoxy Syringe

It can bond objects with oil on the surface, wide range of bonding materials. The process is simple and does not require precise weighing and mixing. A, B two groups can be glued together. High impact resistance, can be used for structural bonding. Can replace 502 glue and agricultural machinery glue epoxy glue

Features

Superior bond strength
Convenient and easy to use
Adhesive for households and industries

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS Super Glue

GNS Super Glue is instant bonding single component adhesive that bonds almost all close-fitting smooth surfaces in seconds. It requires no mixing, no heating, and no clamping. Containing no solvent, the adhesive is mild in odor, low toxic and low flammable.

Application Areas

Wood,
Leather,
Cardboard,
PVC materials.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS Marble Adhesive

GNS Marble Adhesive is used for bonding and repairing of all kinds stone materials and mending of seams and dents of the surface of the stone products. It possesses the character of high intensity, fast curing, weatherproof, corrosion resistance and can be polished.

Application Areas

Bonding and repairing of all kind of stones like marble, ceramics, and granite, so on.
Fast fixing and pattern making

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS Stone Epoxy Adhesive

GNS Stone Epoxy Adhesive is a two-component epoxy adhesive for bonding ceramic and natural stone slabs to vertical surfaces for indoor or outdoor applications. It can be used to bond directly to the wall substrate and maintains its non-sag consistency.

Application Areas

Bonding ceramic and natural stone slabs to vertical surfaces for indoor or outdoor
Excellent for bonding stone & tiles to all masonry surfaces including cement sheet, cement render, plasterboard, timber.

It can be used to bond directly to the wall substrate and maintains its non-sag consistency
Perfect for all interior cladding of tile, stone and porcelain veneers

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.



GNS Spray Paint

GNS Spray Paint is made of high quality materials with advanced technology. The Spary Paint is easy to use with flesh film, weather-resistance, rigid, flexibility, anti-strike, high adhesive ability, long lasting color etc. It's widely used to spray and repair on metal, wood, glass, leather, ceramic, ABS plastic and other surfaces.

Features

Quick drying .
Brilliant effect
Strong adhesive capacity
Low smell

Storage: 36 months in original packaging store in temperature between +5°C and +25°C.



GNS Anti-rust Lubricant

GNS Anti-rust Lubricant performs anti-rust, lubricating, dehumidifying, decontaminating and eliminating the noise of machinery or other metals, etc., and has a magic effect of uncoiling rust, swiftly loses the rusted screws. It can be widely applied to the precision instruments, contacting points of electronic appliances, steel accessories and high sensing elements etc.

Features

Penetrate Lubricant Oil
Extra Anti-Rust
Keep Lubricating

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS Strong Adhesive Butyl Tape



GNS Strong Adhesive Butyl tape is made of high quality butyl rubber. It is widely used for construction joints which require waterproof and airtight seal, such as for the connection of corrugated roofing, automobile parts, steel boards, polycarbonate board etc.

Application

Widely used in industrial and civil architecture roofing, basement, toilet, sink water-proof engineering etc; Bridge, parking lot, swimming pool, tunnel, reservoir building water-proof, moisture-proof, trapping, anti seepage; Maintenance of asphalt type roofing.

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS PVC Cement



GNS PVC Cement Glue is a vinyl polymer as the main body of the one-component solvent adhesive, is bonded polyvinyl chloride (PVC) pipe special adhesive. With easy to use, quick positioning, adhesive strength, curing the advantages of non-toxic materials. After bonding water, heat, cold, oil, corrosion resistance, in order to present the best bonding glue kinds of PVC pipes.

Features

Easy to use with cotton brush
Heavy duty and Medium
Duty For PVC pipe and fitting
For cold water pipe

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

GNS C77 PU Foam Cleaner



GNS C77 is a multi functional agent recommended for removing uncured polyurethane foams and adhesives. It can clean the valves and foam gun applicators, remove uncured foam residue and degreasing steel surfaces before application.

Features

Excellent for removing uncured polyurethane foams and adhesives
For multi functional use

Storage: 36 months in original packaging store in temperature between +5°C and +25°C.

GNS Hot Melt Glue



Hot melt glue, also named as hot melt adhesive, it is a thermoplastic adhesive, hot melt glue adhesive is widely used at daily life and packing production line, industrial, construction, shoes making. hot melt adhesive are various shape, they are pellets, granules, or glue stick.

Application

Assembly: Decorations/ Toys/ Handcrafts/ EPE Impact-absorbing materials/ Filler
Woodworking: cases, furniture sealing used, veneer, wood edgebanding.
DIY: Household parts assembly/ basic repairs/arts and crafts /homemade jewelry.
Packaging: carton sealing, lamination carton sealing

Storage: 12 months in original packaging store in temperature between +5°C and +25°C.

Epoxy Grout Kit



Grout Kit offers one-stop purchasing supplying caulk gun and full kit tools for our customer by best quality tools to improve end users easy grouting feeling and popularity of it's innovated tile grout. This tools kit is mainly used for contractors or DIY grout users.

Application

It is easily operated by caulk gun, the procedure is very simple that tilers can save labor power, time for grouting.



Sealant Caulking Gun



Manual caulking guns are essential for applying sealing or bonding agents. Most commonly associated with tile work, caulk guns are also used to seal pipes, buildings and even concrete structures against water, air, dust and insects.

Suitable Products

Silicone sealant, Acrylic sealant, MS Polymer Sealant,
PU Sealant, Liquid Nails,
Other Sealant with Cartridges (Need to check the Size)

PU Foam Spray Gun



This item is Special design for gun type PU Foam. it is easy use and durable product, could help to use PU Foam easily.

Features

Easy to clean: The foam gun is made of stainless steel. After using, the gun body is easy for you to clean.
Precise Control: The spring-triggered design allows you to precisely control the amount of foam, reducing economic consumption and waste of foam.
Excellent performance: With high expansion and strong adhesion, it is ideal for insulating and sealing small spaces such as your home windows and doors.
Rugged and durable: The precise thread design of the foaming gun is easy to operate and durable.

Hot Melt Glue Gun



It has built-in independent power switch, status indicator, anti-drip/anti-back glue, stable stand, etc., featured with premium thermal heating system, high quality ceramic PTC heating chip, fast preheating and release glue, easy pressed trigger can keep flowing glue suitably, which, to a large extent, to avoids glue wasting.

Features

Anti drip/anti-back glue
Without wasting

Shelf Life

12 months



Guizhou Qilong
CBD



Shenyang North
Railway Station

Indonesia KFC
Restaurant



China Minsheng
Bank



Xi'an Northwest
Electric Construction



Longemont
Shopping Mall

Beijing Olympic Park
Tower



Xi'an Chanba
Peninsula Garden



Sede Do Ministerio
Publico Federal
Salvador Bahia



Beijing Royal
Garden

Datong Fuli City



More...



2005

Establishment

Beijing Gunuo Industry & Trading Co., Ltd.
Producing the **PU foam** in Beijing.

2007

Beijing Saibang Packing Co., Ltd.
Producing the **Packing Materials**.

2009

Foshan Gunuo Silicone Co., Ltd.
Producing the sealants
Start the **exportation** business.

2011

Top 3 of PU Foam Market Share in China
Market district across 21 countries

2013

Gunuo Tianjin Industrial CO., Ltd.
200,000 square meters factory area.
32 Production Lines of aerosol foam.
PAnnual capacity of PU foam reach **160,000,000** cans
Annual capacity of Silicone reach **40,000** Tons
Products sold to **78+** Countries

2020

Produce **All Kind** adhesive products.
Leading Adhesive Company in **Asia**

The Future is **Promising.**