



**GRH**



**PRODUCT  
CATALOG**

**SILICONE SEALANT  
PU FOAM**

# COMPANY PROFILE

## PT. GRHA SINAR ARYA

Dewasa ini, dengan semakin berkembangnya infrastruktur yang disertai dengan cepat pertumbuhan pembangunan maka kebutuhan akan material pendukung demi terciptanya bangunan yang baik dan memiliki nilai estetika pun menjadi salah satu kebutuhan primer. Aluminium Composite Panel (ACP) merupakan material yang menjadi populer dan merupakan salah satu kebutuhan utama pembangunan pada proyek, baik dalam skala mikro maupun makro.

### SEJARAH PERUSAHAAN

Ekspansi perwakilan Jakarta

Memiliki Holding Company  
GSA Indonesia

2018

2014

2011

Ekspansi  
Agen Jakarta  
Perwakilan Surabaya

2010

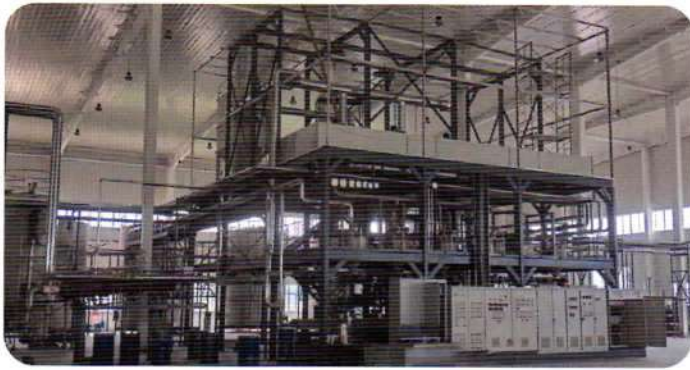
Membuka kantor cabang  
di Pekanbaru

2008

Berkembang menjadi PT.  
GRHA SINAR ARYA

2005

Didirikan di Medan dengan nama  
Toko Jaya Semesta Abadi



GNS are a group of companies in China, which commits to provide best solutions for sealing, bonding, caulking and insulating by manufacturing spray polyurethane foam, silicone sealant, acrylic sealant, polyurethane adhesive, construction adhesive and so on since 2002.

GNS Group includes three subsidiaries with around 600 staffs.  
 Gunuo Tianjin Industrial Co., Ltd.  
 Foshan Gunuo Silicone Co., Ltd.  
 Guangzhou Global Business Branch

Gunuo Tianjin Industrial Co., Ltd. mainly produce polyurethane foam in Tianjin, with about 200,000 square meters factory area. The annual capacity has achieved 120,000,000 cans in 2017 while the gross quantity of the Chinese market is 300,000,000 cans.

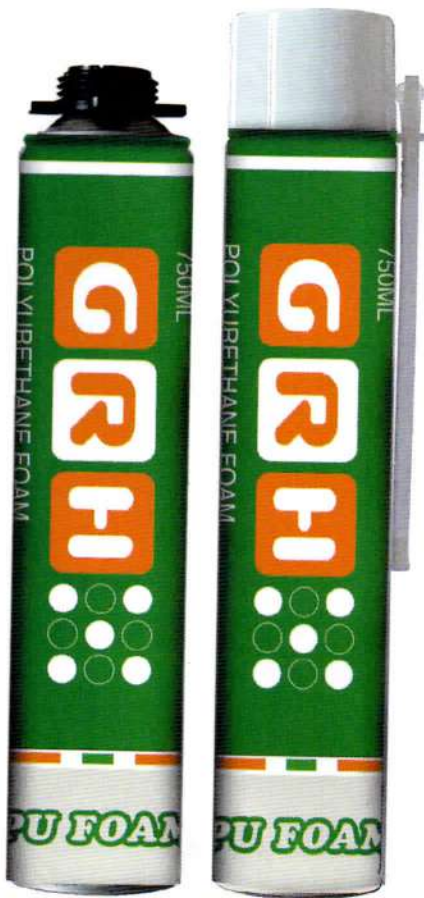
Foshan Gunuo Silicone Co., Ltd. is our sealant manufacturing plant. The factory covers an area of 30,000 square meters. With high-tech and advanced production lines, annual production capability can reach 25,000 tons.

GNS is a well-known brand in China. GNS products have been sold to 69 countries and areas in the world which cover America, Latin America, Europe, Asia, Africa and Australia. And we are the reliable partner for some multi-national companies.

With premium product quality and 17 years of efforts, GNS becomes the market leader in PU foam and silicone sealant industry. GNS has been accredited to ISO 9001; 2008 and ISO 14001; 2004. GNS products meet European Standard, British Standard, German Standard, American Standard which are all certified by TUV Rheinland. Besides, GNS is the national approved and recommended manufacturer for structural sealant and weatherproof sealant. From raw material to the finished product, strict QC and QA are always on field to guarantee the reliability of the products.

Choose GNS, a continuous renovating enterprise.  
 Choose GNS, stable quality and professional commitment!  
 Choose GNS, your life long reliable partner.

# DESCRIPION



## GRH General Purpose PU foam

GRH General Purpose PU foam is a one-component, ready to use multi-purpose Polyurethane Foam. It is used for a wide range of building applications. It is very good for filling and sealing with excellent mounting capacities, high thermal and acoustical insulation.

### PRODUCT 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 Teflon);

Application temperature is between + 5°C to +35°C;

Good filling capacities;

### APPLICATIONS AREAS

Installing, fixing and insulating of door and window frames;

Filling and sealing of gaps, joint, openings and cavities;

Connecting of insulation materials and roof construction;

Bonding and mounting;

Insulating the electrical outlets and water pipes;

Heat preservation, cold and sound insulation;

### STORAGE AND SHELF LIFE

12 months in unopened packing store in temperature between +5°C to +25°C, Keep in cool, shade and well ventilated area.

Always keep the can with the valve pointed upwards.

# USACE INSTRUCTIONS



**1** for at least 40 seconds.



**2** surfaces with water spray prior to application.



**3** the adaptor. Firmly screw the can on the adaptor and turn the flow adjustment screw.



**4** Fill the holes and cavities approximately 50% as the foam will expand. Bottom up during application.



**5** Foam will be tack-free in about 10 minutes.



**6** Excess can be trimmed about 60 minutes.

# GRH Advantage

GRH brand:  
Small cell



VS

Other brand:  
Big bubble cause water leakage



GRH brand:  
No shrinkage



VS

Other brand:  
Obvious shrinkage



GRH brand:



Pre-expansion, easy and flexible  
to use, filling the frames about  
60%-80% is suitable.



VS

Other brand:

Post-expansion, difficult to  
handle and cause wasting,  
breaking the substrates.



# SILICONE SEALANT



## 268

### ACETOXY SILICONE SEALANT

#### PRODUCT DESCRIPTION

GRH 268 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.

#### APPLICATION & FEATURES

Acetoxy room temperature cure, easy to apply. Outstanding weatherproofing ability, resisting to ultraviolet ray, ozone, snow, or temperature extremes. Excellent adhesion to most building materials. Seals water tight.

#### COLOURS

Translucent, White, Black, Grey. Contact us for special colors.



## GRH 368

### ACETOXY SILICONE SEALANT

#### PRODUCT DESCRIPTION

GRH368 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 fitting like doors and so on.

#### APPLICATION & FEATURES

Easy to use - one part, no mixing required. Can be dispensed with an ordinary caulking gun. Cures to a strong, flexible seal capable of withstanding movement in and around the joint. No seasonal limited in application. Outstanding weatherproofing ability, resisting to ultraviolet ray, ozone, snow, or temperature extremes. Non-slumping; can be used in vertical and overhead joints.

#### COLOURS

Translucent, White, Black, Grey. Contact us for special colors.



## GRH GLASS SILICONE SEALANT

### PRODUCT DESCRIPTION

GRH GLASS SEALANT is one part, high performance silicone sealant with ultimate tensile strength, mechanical properties for curtain wall, Total Vision System (TVS) and architectural applications. It has very good weathering resistance, durability, sealing and bonding properties.

### APPLICATION & FEATURES

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

### COLOURS

Translucent, White, Black, Grey. Contact us for special colors.

# SILICONE SEALANT



## GRH WINDOW&GLASS SILICONE SEALANT

### PRODUCT DESCRIPTION

GRH WINDOW&GLASS 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.

### APPLICATION & FEATURES

Easy to use - one part, no mixing required. Can be dispensed with an ordinary caulking gun.  
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.  
Non-slumping; can be used in vertical and overhead joints.

### COLOURS

Translucent, White, Black, Grey. Contact us for special colors.



## NEUTRAL SILICONE SEALANT

### PRODUCT DESCRIPTION

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

### APPLICATION & FEATURES

General glazing and weather sealing in curtain wall and building facades. Sealing leaking gutters and down pipes. Suitable for sealing Glass, Aluminium, Brick, Concrete, Steel, Ceramic, Fibreglass Some Plastic e.g. Windows & Doors, and so on. One part, can be easily used and extruded with common caulking guns. 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.

### COLOURS

Translucent, White, Black, Grey. Contact us for special colors.



## GRH SA200 NON-STAINING GLASS&METAL SILICONE SEALANT

### PRODUCT DESCRIPTION

GRH SA200 Glass & Metal silicone sealant is a one part neutral cure construction grade silicone sealant that easily extruded in any weather. It cures at the room temperature with moisture in the air to room temperature with moisture in the air to produce a durable, flexible silicone rubber seal.

### APPLICATION & FEATURES

General glazing and weather sealing in curtain wall and building facades. EIFS, the non-structural curtain walls and building construction applications. Window e.g.: vinyl windows, doors and perimeter joints. Surface like glass, aluminium, ceramics, metals, steel, fibreglass, most plastics, tiles, bricks, marble & granite and so on. One part, it 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, ozone, snow or temperature extremes. Neutral cure, non-acidic, will not corrode metal or other corrosion-sensitive material.

### PACKAGING

Available in tube type 300ml ;24ctgs/ctn  
sausage type 780g N.W/ssg; 20ssgs/ctn

### COLOURS

Translucent, White, Black, Grey. Contact us for special colors.



## GRH SA3200 NON-STAINING BUILDING SILICONE SEALANT

### PRODUCT DESCRIPTION

GRH SA3200 silicone building Sealant is a neutral cure, one part, high performance weather seal silicone sealant that exhibits outstanding physical properties for projects and general building construction uses. It has excellent weathering resistance and durability sealing adhesive properties. Can be applied in any season with excellent weathering UV light, vibration, moisture, ozone, temperature extremes.

### APPLICATION & FEATURES

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. 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.

### PACKAGING

Available in tube type 300ml ; 24ctgs/ctn

sausage type 600ml/ctg; 20ssgs/ctn

### COLOURS

Translucent, White, Black, Grey. Contact us for special colors.



## GRH SA200 NON-STAINING GLASS&METAL SILICONE SEALANT



### PRODUCT DESCRIPTION

GRH SA200 Glass & Metal silicone sealant is a one part neutral cure construction grade silicone sealant that easily extruded in any weather. It cures at the room temperature with moisture in the air to room temperature with moisture in the air to produce a durable, flexible silicone rubber seal.

### APPLICATION & FEATURES

General glazing and weather sealing in curtain wall and building facades. EIFS, the non-structural curtain walls and building construction applications. Window e.g.: vinyl windows, doors and perimeter joints. Surface like glass, aluminium, ceramics, metals, steel, fiberglass, most plastics, tiles, bricks, marble & granite and so on. One part, it 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, ozone, snow or temperature extremes. Neutral cure, non-acidic, will not corrode metal or other corrosion-sensitive material.

### PACKAGING

Available in tube type 300ml ;24ctgs/ctn  
sausage type 780g N.W/ssg; 20ssgs/ctn

### COLOURS

Translucent, White, Black, Grey. Contact us for special colors.

## GRH SA3200 NON-STAINING BUILDING SILICONE SEALANT

### PRODUCT DESCRIPTION

GRH SA3200 silicone building Sealant is a neutral cure, one part, high performance weather seal silicone sealant that exhibits outstanding physical properties for projects and general building construction uses. It has excellent weathering resistance and durability sealing adhesive properties. Can be applied in any season with excellent weathering UV light, vibration, moisture, ozone, temperature extremes.

### APPLICATION & FEATURES

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. 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.

### PACKAGING

Available in tube type 300ml ; 24ctgs/ctn  
sausage type 600ml/ctg; 20ssgs/ctn

### COLOURS

Translucent, White, Black, Grey. Contact us for special colors.



# Acrylic sealant



## GRH ACRYLIC SEALANT

### PRODUCT DESCRIPTION

GRH Acrylic sealant is water based acrylic joint sealant that is used for caulking, grouting and jointing in building construction. Suitable for using around any joints or gap filling application is required.

### Product features

Highly flexible and crack resistant in interior use.

Waterproof & paintable.

Superior gunning & tooling ability.

Non slump, water based, low odour and non toxic.

### Color and package

White 480g, 24pcs/ctn

### Storage and shelf life

12 months from manufacturing date when store in cool dry locations below 25°C



## GRH PU SEALANT-CONSTRUCTION



GRH PU SEALANT FOR CONSTRUCTION is a one-component, moisture curable polyurethane Sealant. Good sealing and flexible performance. No corrosion and pollution to base material and environment-friendly. Puncturing resistance, easy for repairing. Good sealing performance with cement and stone.

**Product Features:**

- One-component, excellent extruability, non-sag, easy application.
- Low modulus, high movement-resistance.

**Areas of Application:**

Suitable for sealing joint of underground tunnel, bridge tunnel, drains, sewages pipes, epoxy floor, internal concrete walls. Suitable for sealing of various holes in walls and floor slab

**Direction for use:**

- Remove dust, oil and water from the surface of substrates.
- Tack free time and curing speed of polyurethane sealant influenced by environment temperature and humidity. environment temperature: 5 ~ 35°C, humidity: 50 ~ 70%RH.
- For Construction method, please refer to GRH construction description or consult technical personnel.

**Cautious:**

Keep away from children.

Avoid contacting with skin and eyes. For skin contact, remove the sealant by cloth, wash skin thoroughly with soap and water. For eyes contact, hold eyelids apart and flush thoroughly with water, contact physician.

**Transport and storage:**

Transport: Keep the sealed product away from moisture, the sun, high temperature and avoid collisions.

Storage: Keep the sealed product into cool, dry place.

Storage temperature: 5~25°C. Humidity: ≤50%RH.

Shelf life: 9 month.

Volume: 600ml

## GRH PU SEALANT-AUTOMOBILE

GRH PU SEALANT FOR AUTOMOBILE is a 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.

### Product Features:

- Good chemical corrosion resistance.
- Excellent weather proof, aging resistance property
- Excellent noise, vibration and impaction resistant
- No sagging
- Paintable

### Areas of Application:

It is special designed for apply in bonding and sealing in the automobile repair market. Also suitable for sealing the body of train, coach, truck, and ship, as well as somewhere like cool room, container, or coach panels.

### Direction for use:

- Remove dust, oil and water from the surface of substrates.
- Tack free time and curing speed of polyurethane sealant influenced by environment temperature and humidity. environment temperature: 5 ~ 35°C, humidity: 50 ~ 70%RH.
- For Construction method, please refer to GRH construction description or consult technical personnel.

### Cautious:

Keep away from children.

Avoid contacting with skin and eyes. For skin contact, remove the sealant by cloth, wash skin thoroughly with soap and water. For eyes contact, hold eyelids apart and flush thoroughly with water, contact physician.

### Transport and storage:

Transport: Keep the sealed product away from moisture, the sun, high temperature and avoid collisions.

Storage: Keep the sealed product into cool, dry place.

Storage temperature: 5~25°C. Humidity: ≤50%RH.

Shelf life: 9 month.

Volume: 600ml



# CASE PICTURE



QUALITY PRIORITY



QUALITY PRIORITY