

ZITA



Product Brochure

The best QC Manufacturer of PU Foam in China
PU Foam & Silicone sealant & Nail free adhesive



Member of China Adhesives and Tape Industry Association
Member of China Polyurethane Industry Association



Company Profile



Handan Santai Rubber Industry Co.,LTD.,was founded in 1996, located in Matou Economic Development Zone,Jinan New District, Handan city.The first and second factories of the enterprise cover a total area of about 102 mu, and the total construction area of the professional factory is more than 30,000 square meters.

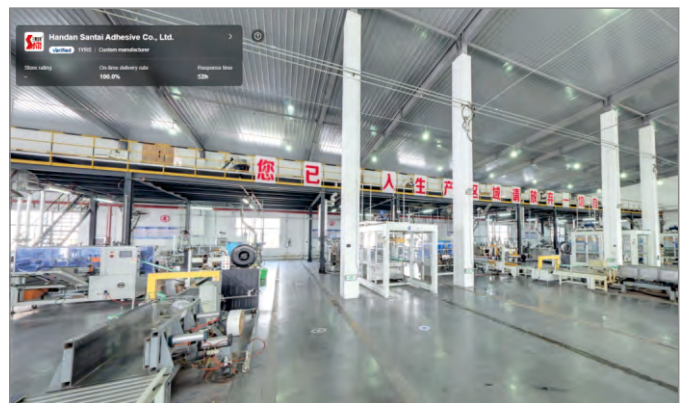
After more than 20 years of development, SanTai Adhesives has become a diversified production enterprise. It has three brands,"SanTai", "TaiDu", and "ZiTai", and its products cover a full range of adhesives, polyurethane foam fillers, silicone sealants,tile joint fillers, white glue, and automotive adhesives.

With the company's rapid development, in 2023, a "Southern Production Base" was established in Tianmen, Hubei, under the name of Hubei Santai Polymer New Materials Co. LTD . The site covers an area of about 102 mu and has a total floor area of 28,000 square meters for specialized factories. The design annual output is 30,000 tons of silicone and 30,000 tons of polyurethane foam fillers.

Our company has a high-quality talent pool and a professional R&D team, and has advanced automated professional production equipment, advanced environmental treatment device RTO, and a variety of precision instruments, which meet the requirements of defining the properties of new products, product inspection after production, and process control of production processes,and have advanced technical advantages in the same industry in China. Since 2005, the company has successively won the honor of "National High-tech Enterprise", "Hebei Province Specialized, Special and New Enterprises", as well as the honorary titles of "China Quality Management System Certification", "Top 500Preferred Suppliers for Real Estate Development Enterprises in China in 2021", "Ninth Council Member of China Adhesive and Tape Industry Association", and "Member of China Polyurethane Industry Association".

Santai Group strives to provide the society with better products and services, to be a leader in the adhesives industry, in order to make contributions to the country through industrial endeavors.

Factory Photos



Certificates



Exhibition photos





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THE BEST QC MANUFACTURER OF PU FOAM IN CHINA



PU foam typical properties

Condition: 22.5°C, 47% R.H.

Product No.	Product	Tack free time/min	Cutting time/min	Application temperature (°C)	Temperature resistance (°C)	Compressive strength/kgf	Volume/L	Shrink
Z90	High Expansion PU Foam	5-10	30-60	5~35	-30~+80	≥20	45~50	≤5%
Z85	High Hardness PU Foam	5-10	30-60	5~35	-30~+80	≥35	45~50	≤5%
Z80	Multi-use PU Foam	5-10	30-60	5~35	-30~+80	≥30	≥35	≤5%
Z70	All-seasons PU Foam	5-10	30-60	-10~35	-30~+80	/	≥35	≤5%
Z65	PU Foam for Wooden door	5-10	30-60	5~35	-30~+80	≥15	≥30	≤5%
Z60	General Purpose PU Foam	5-10	30-60	5~35	-30~+80	≥15	≥28	≤5%
Z50	Economical PU Foam	5-10	30-60	5~35	-30~+80	≥10	≥25	≤5%
B1	B1 Flame Retardant PU Foam	5-10	30-60	5~35	-30~+80	≥15	≥30	≤5%
B2	B2 Flame Retardant PU Foam	5-10	30-60	5~35	-30~+80	≥20	≥30	≤5%
A01	PU Adhesive Foam	2-5	15-30	0~35	-30~+80	≥20	/	≤5%
W01	Winter PU Foam	5-10	30-60	-18~+20	-30~+80	/	≥35	≤5%
T01	Thermcoat PU Foam	5-10	30-60	5~35	-30~+80	≥25	≥22	≤5%

Z90 - High Expansion PU Foam



Packaging

750ml ctn, 12pcs/ctn

Gun Type

12 months at 5 °C–25 °C



Product Introduction

High Expansion 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.

Product Features

extremely long running meters

higher hardness, and smaller cell

Waterproofing, soundproofing and good heat insulation

Pre-expansion

Applications

This foam sealant is designed for construction projects, primarily for filling window frame gaps in indoor and outdoor decoration projects, offering superior thermal insulation, soundproofing, waterproofing, and wind resistance.

Application Conditions

- Ambient temperature: +5°C to +35°C.
- Can temperature: +10°C to +35°C.
- Optimal temperature: +18°C to +25°C.
- Cured foam temperature resistance: -30°C to +80°C.
- Relative humidity (RH): ≥40%. Below this, lightly mist substrates or fresh foam with water.

Parameter	Description
Appearance	Liquid in the aerosol can; ejected material forms a uniformly colored foam free of particles or impurities; cured foam has even cell structure.
Density	≥10 kg/m ³
Thermal Conductivity (35°C)	≤0.05 W/(m·K)
Dimensional Stability (23±2°C, 48h)	≤5%
Tensile Bond Strength (Aluminum, 7d)	≥90 kPa
Shear Strength	≥90 kPa
Expansion rate (900g gun type)	≥60x
Foam Volume (900g gun type)	≥45 L
Surface Dry Time	≤10 min
Cutting Time	≤50 min



Z85 - High Hardness PU Foam



Packaging

750ml ctn, 12pcs/ctn

Gun Type

12 months at 5°C–25°C



Product Introduction

This product is a single-component polyurethane foam sealant filled in pressurized aerosol cans, primarily composed of polyols and polyisocyanates, along with foaming agents, foaming aids, fillers, and other components. It requires a professional spray gun for application. Combining aerosol technology and PU Foam technology, the material rapidly expands upon ejection from the can and reacts with moisture in the air or substrates containing hydroxyl groups, curing into a semi-rigid foam plastic. The cured OCF foam provides excellent filling, bonding, sealing, thermal insulation, and sound absorption effects.

Product Features

- High quality, high effective content, and high hardness with outstanding compressive and load-bearing performance—the top choice for sealing large, premium window frames.
- Pre-foaming for easy application, eliminating the need for cutting and enhancing waterproofing and insulation.
- Excellent adhesion to most substrates.
- Fine foam cells for better waterproofing, soundproofing, and thermal insulation.
- Cured foam exhibits superior temperature resistance, suitable for long-term use in high-temperature environments (30°C–40°C).

Applications

Designed for construction projects, this high-hardness foam sealant is ideal for filling window frame gaps in indoor and outdoor decoration projects, offering superior thermal insulation, soundproofing, waterproofing, and wind resistance. It is particularly suitable for high-rise building doors and windows subjected to vibrations and strong winds, as well as applications requiring high foam hardness, such as thick door/window materials.

Application instruction

1. Shake the can vigorously 30 times before use.
2. Clean the surface. In low-humidity environments, mist with water (avoid pooling).
3. Gun application: Invert the can and secure it to the foam gun. Open the valve counterclockwise and adjust the flow. Straw application: Attach the straw and invert the can.
4. Fill gaps bottom-up, injecting 60%–80% of the required volume (expansion varies with temperature/humidity; adjust for seasonal changes).
5. Foam begins curing in 10 minutes; wait 1 hour before further work (extend time in cold/dry conditions).
6. Trim excess cured foam with a knife; finish with cement, paint, etc.

Z80 - Multi-use PU Foam



Packaging

750ml ctn, 12pcs/ctn

Straw Type & Gun Type

12 months at 5°C–25°C



Product Introduction

It is available in two types: straw type and gun type. Combining aerosol technology and polyurethane foam technology, the material expands rapidly upon ejection from the can and reacts with moisture in the air or substrates containing hydroxyl groups, curing into a semi-rigid foam plastic. The cured OCF foam provides multiple functions, including gap filling, bonding, sealing, thermal insulation, and sound absorption.

Product Features

Excellent adhesive strength **Uniform and fine foam cell structure**

High hardness and elasticity with pressure-resistant and shock-absorbing properties

Minimal post-expansion, easy application, and no cutting required

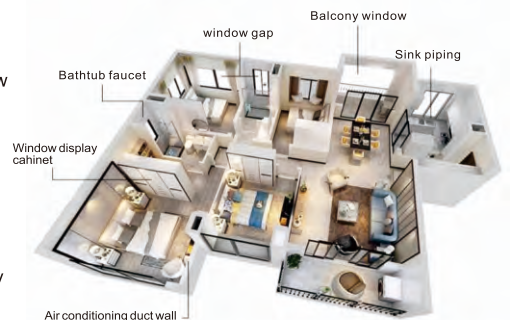
Applications

Filling gaps around door/window frames in construction and renovation projects.

- Thermal insulation, soundproofing, and waterproofing.
- Bonding and fixing lightweight panels such as cabinet backboards.
- Ideal for high-end engineering projects requiring superior door/window sealing performance.

Application Conditions

- Ambient temperature: +5°C to +35°C.
- Can temperature: +10°C to +35°C.
- Optimal temperature: +18°C to +25°C.
- Cured foam temperature resistance: -30°C to +80°C.
- Relative humidity (RH): ≥40%. Below this threshold, lightly mist substrates or foam with water.



Z70 - All-seasons PU Foam



Packaging

750ml ctn, 12pcs/ctn

Straw Type & Gun Type

12 months at 5 °C–25 °C



Product Introduction

All-seasons polyurethane foam caulk is specially designed for low temperature (-10°C) and high temperature (+30°C), thus, the foam is able to perform excellent both winter and summer. Improving low temperature flexibility, faster curing speed, high foaming multiple, good adhesion, and fine bubble holes.

Product Features

Can adhere to the surfaces of most materials

Good toughness, not prone to brittleness

The product's foaming ratio can reach up to 60 times

Applications

It is suitable for bonding, fixing and gap filling when doors and windows are installed. It has the function of heat insulation, water proofing and heat preservation. It is also suitable for bonding and sealing of plates.



Z65 - Wooden door PU Foam



Packaging

750ml/500ml/300ml/ctn, 12pcs/ctn

Straw Type & Gun Type

12 months at 5 °C–25 °C



Product Introduction

It is available in two types: straw type and gun type. Combining aerosol technology and polyurethane foam technology, the material expands rapidly upon ejection from the can and reacts with moisture in the air or substrates containing hydroxyl groups, curing into a semi-rigid foam plastic. The cured OCF foam provides multiple functions, including gap filling, bonding, sealing, thermal insulation, and sound absorption.

Product Features

Strong adhesion to wooden substrates | Excellent dimensional stability after curing

Balanced hardness and elasticity, no oil seepage under normal temperatures

Applications

Indoor door/window gap filling during decoration.

- Bonding and sealing of cabinet back panels.
- Exterior door/window frame filling (general requirements).
- Thermal insulation and vibration damping scenarios.
- Bonding and positioning of lightweight panels (non-overhead applications).
- Filling engineering cavities and cracks.

Due to its moderate hardness and excellent dimensional stability, it is particularly suitable for bonding and gap filling in wooden door frame installations.

- Filling engineering cavities and cracks.

Due to its moderate hardness and excellent dimensional stability, it is particularly suitable for bonding and gap filling in wooden door frame installations.



Z60 - General Purpose PU Foam



Packaging

750ml ctn, 12pcs/ctn

Straw Type & Gun Type

9 months at 5 °C–25 °C



Product Introduction

Z60 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 density.

Product Features

Pre-foaming type, fine cell structure

The hardness is relatively good, with low-temperature brittleness being minimal

The product's foaming ratio can reach up to 55 times

Applications

Mainly used for caulking, sealing and fixing during the installation of solid wood composite doors, molded doors, baking paint doors, cabinets, etc. bonding and positioning of lightweight panels, filling of engineering cavities and cracks.

Application Conditions

- Ambient temperature: +5°C to +35°C.
 - Can temperature: +10°C to +35°C.
 - Optimal temperature: +18°C to +25°C.
 - Cured foam temperature resistance: -30°C to +80°C.
- Relative humidity (RH): ≥40%. Below this, lightly mist substrates or fresh foam with water.



Z50 - Economical PU Foam



Packaging

750ml/500ml/300ml/ctn, 12pcs/ctn

Straw Type & Gun Type

9 months at 5 °C–25 °C



Product Introduction

economical foam sealant single-component polyurethane foam sealant has excellent properties such as sealing, heat preservation, heat insulation, moisture-proof and insulation. The volume of this product expands rapidly after ejection, and it can be freely filled according to the shape of gaps and voids. After curing, the bubble holes are delicate and have good elasticity. Low temperature resistance, can also be used in winter.

Product Features

The product contains no Freon, no benzene series, and no formaldehyde

The product poses no harm to the human body after solidification

The product's foaming ratio can reach up to 45 times

Applications

Mainly used for caulking, sealing and fixing during the installation of solid wood composite doors, molded doors, baking paint doors, cabinets, etc., bonding and positioning of lightweight panels, filling of engineering cavities and cracks.



B1 Flame Retardant PU Foam



Packaging

750ml ctn, 12pcs/ctn

Gun Type

9 months at 5 °C–25 °C



Product Introduction

This product is a single-component polyurethane foam sealant filled in pressurized aerosol cans, primarily composed of flame-retardant polyether and polyisocyanates, along with foaming agents, foaming aids, and flame-retardant fillers. It requires a professional spray gun or dedicated nozzle for application. Combining aerosol technology and PU Foam technology, the material rapidly expands upon ejection from the can and reacts with moisture in the air or substrates containing hydroxyl groups, curing into a semi-rigid foam plastic. The cured OCF foam offers flame retardancy, filling, bonding, sealing, thermal insulation, and sound absorption.

Product Features

B1 fire rating **High hardness** **Excellent adhesion to most substrates**

Temperature-resistant cured foam, suitable for long-term use in 30°C–40°C environments

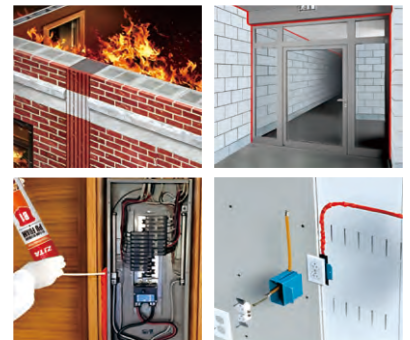
Applications

Designed for construction projects, this B1-class flame-retardant foam sealant is ideal for:

- Filling window/door frame gaps in indoor/outdoor decoration.
- Bonding and sealing cold storage insulation panels.
- Adhering and filling interior/exterior wall insulation boards.

Application Conditions

- Ambient temperature: +5°C to +35°C.
- Can temperature: +10°C to +35°C.
- Optimal temperature: +18°C to +25°C.
- Cured foam temperature resistance: -30°C to +80°C.
- Relative humidity (RH): ≥40%. Below this, lightly mist substrates or fresh foam with water.



10

B2 Flame Retardant PU Foam



Packaging

750ml ctn, 12pcs/ctn

Gun Type

9 months at 5 °C–25 °C



Product Introduction

This product is a single-component polyurethane foam sealant filled in pressurized aerosol cans, primarily composed of flame-retardant polyether and polyisocyanates, along with foaming agents, foaming aids, and flame-retardant fillers. It requires a professional spray gun or dedicated nozzle for application. Combining aerosol technology and PU Foam technology, the material rapidly expands upon ejection from the can and reacts with moisture in the air or substrates containing hydroxyl groups, curing into a semi-rigid foam plastic. The cured OCF foam offers flame retardancy, filling, bonding, sealing, thermal insulation, and sound absorption.

Product Features

High hardness with B2 fire rating (self-extinguishing)

Pre-foaming with 30% post-expansion for fuller filling

Excellent adhesion to most substrates

Temperature-resistant cured foam, suitable for long-term use in 30°C–40°C environments

Applications

Designed for construction projects, this B2-class flame-retardant foam sealant is ideal for:

- Filling window/door frame gaps in indoor/outdoor decoration.
- Bonding and sealing cold storage insulation panels.
- Adhering and filling interior/exterior wall insulation boards.



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A01 - Adhesive PU Foam



Packaging

750ml ctn, 12pcs/ctn

Gun Type

9 months at 5°C–25°C



Product Introduction

PU adhesive foam 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.

Product Features

strong bonding **low expansion**

External thermal insulation materials bonding, such as EPS & XPS

Applications

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.

Application Conditions

Shake the aerosol can for at least 40 seconds.

Clean and moisten the surface with a water sprayer before use;.

Attach the gun or plastic applicator to the adapter.

Screw can securely onto adapter and turn flow adjustment screw; Fill holes and chambers.



W01 - Winter PU Foam



Packaging

750ml ctn, 12pcs/ctn

Gun Type

12 months at 5 °C–25 °C



Product Introduction

Winter polyurethane foam caulk is specially designed for low temperature -18°C in winter. Improving low temperature flexibility, faster curing speed, high foaming multiple, good adhesion, and fine bubble holes.

Product Features

fast cure in low temperature

excellent filling capacities

good adhesion to a wide variety of surfaces

Applications

It is suitable for bonding, fixing and gap filling when doors and windows are installed. It has the function of heat insulation, water proofing and heat preservation. It is also suitable for bonding and sealing of plates.



Application instruction

① This product has a maturation period and can only be used normally after one week from the date of manufacture; ② This product is specially designed for winter construction and is not suitable for use in other seasons; ③ Clean the base before use without grease, oil and dust; ④ Before construction, please spray a small amount of water mist to wet the base surface, especially in a dry environment where the humidity is less than 50%, which can effectively improve the bubble hole and foaming ratio; ⑤ This product is not UV resistant, and it is recommended to use cement mortar, paint or silicone for surface treatment.

T01 - Thermcoat PU Foam



Packaging

750ml ctn, 12pcs/ctn

Gun Type

9 months at 5 °C–25 °C



Product Introduction

Spray PU Foam for top quality heat and sound insulation at buildings and houses. 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.

Product Features

Waterproofing, soundproofing

Good bonding performance

Wide range of applications. Can be widely applied to various material surfaces

Applications

1. Roofs, attics, facades, foundations, basements, floors, interior walls, inter-floor overlappings, interior partitions, ceilings and cellars.
2. Structural elements of buildings, balcony, loggia, doors, window slopes, pipes, canals and tank kind round surfaces, uneven and rough all surfaces.

Application Conditions

Attach the applicator tube firmly to the nozzle.
Hold the can upside-down for proper foam dispensing.
Fill the gap partially (1/3 to 1/2 full) as the foam expands significantly (2-3 times its initial volume).
Apply in layers for deep gaps, allowing each layer to expand and cure before adding more.





ZITA

SANTAI SEALANT, BONDING THE GOOD THINGS TOGETHER



T900 - Structural sealant for curtain walls



Packaging

Plastic cartridge:
300ml, 24pcs/ctn; 12pcs/ctn or customized

Sausage:
590ml, 20pcs/ctn; 12pcs/ctn or customized

12 months at 5 °C–25 °C

colors: black/white/grey/transparent

Product Introduction

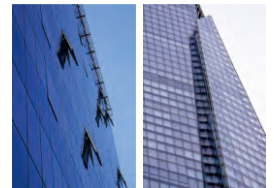
T900 is a single-component, high-modulus neutral-cure structural silicone sealant specifically designed for structural bonding and sealing in building curtain walls. The paste-like sealant cures upon exposure to atmospheric and substrate moisture, forming a highly elastic silicone rubber with superior adhesion.

Product Features

neutral cured, High tensile strength, mechanical properties No corrosion to most metals, coated glass and marble Excellent weather resistance and aging resistance Good adhesion and compatibility to most building materials Good movement capability.

Applications areas

Curtain Walls: Structural bonding and waterproof sealing for glass, aluminum panel, point-supported, and framed curtain walls.
Windows & Doors: Structural sealing.
Other Uses: Bonding and sealing between glass, metal, stone, ceramics, and concrete.



T800 - Weatherproof sealant for curtain walls



Packaging

Plastic cartridge:
300ml, 24pcs/ctn; 12pcs/ctn or customized

Sausage:
590ml, 20pcs/ctn; 12pcs/ctn or customized

12 months at 5 °C–25 °C

colors: black/white/grey/transparent

Product Introduction

This product is a single-component, neutral-curing high-quality room temperature vulcanized silicone sealant, specifically designed for weather-resistant sealing and waterproofing in building joints and door/window installation projects.

Product Features

-Weathering resistance: resistant to ultraviolet rays, ozone, snow, ice, rain, and maintains elasticity in the temperature range of -40 °C~+150 °C after curing;
-Can carry not less than ±25% expansion and contraction displacement capacity;
-Can bond glass, aluminum alloy, stone, ceramics, concrete and most other building substrates;
-Conforms to green building requirements, no solvent, no white oil, low VOC.
-Good constructability, can be easily extruded at -5 °C~+40 °C.

Applications areas

Building curtain wall: general curtain wall, light roof caulking sealing, joint sealing between glass, metal, stone.
Door and window project: specialized in waterproof sealing between buckled board, all kinds of window frames and walls.
Small sunroom roof and expansion joints adhesive waterproof sealing.
Interior decoration: adhesive sealing for bathroom, kitchen, etc. Structural adhesive assembly of general curtain wall; structural adhesive sealing of insulating glass.

T700 - High-temp Silicone Sealant



Packaging

Plastic cartridge:
300ml, 24pcs/ctn; 12pcs/ctn or customized

12 months at 5 °C–25 °C

colors: black/white/grey/transparent

Product Introduction

It is a one part, neutral cure, which withstands high temperatures: up to +315° C during permanent work and up to +365° C for temporary contact. Excellent adhesion to most building materials and most fluids, including engine applications: gasket marker and painted wood.

Product Features

Makes gaskets that resist high temperature and most fluids
Instant gasket cures to a tough silicone
Forms gasket instantly from the tube , any size, any shape
Resist to ageing, water, oil, grease and vibration

Applications areas

Automotive: Exhaust systems, engine gaskets, turbochargers;- Fireplace doors and inserts ;painted wood

T600 - Waterproof Sealant for Construction



Packaging

Plastic cartridge:
300ml, 24pcs/ctn; 12pcs/ctn or customized
12months at 5°C–25°C
colors: black/white/grey/transparent

Product Introduction

This product is a single-component, neutral-curing RTV (Room Temperature Vulcanizing) silicone sealant specifically designed for weatherproof sealing in door and window installations. It features excellent UV resistance, high/low-temperature tolerance, waterproofing, and elasticity, making it suitable for bonding and sealing various substrates.

Product Features

Bonding most substrates;
Construction performance: fast surface drying and curing, surface drying within 30min;
Cost-effective: high quality and low price, the first choice for interior decoration;
Anti-sagging: high product consistency, no sagging;

Applications areas

Waterproof sealing of joints between various types of system doors and windows, sliding doors, common doors and windows and walls;
Adhesive sealing for all types of tiles, glass, aluminum panels and interior decoration.



S99 - Aquarium panel glass sealant



Packaging

Plastic cartridge:
280ml, 24pcs/ctn; 12pcs/ctn or customized
12months at 5°C–25°C
colors: black/white/grey/transparent

Product Introduction

This product is a single-component, room-temperature-curing acidic silicone adhesive sealant formulated with acidic crosslinkers. During curing, it releases acetic acid vapor, delivering exceptional bonding strength and rapid curing performance for diverse substrates.

Product Features

Strong adhesion to glass, ceramics, metal, etc. Fast curing speed
Ultraviolet ray resistant, high and low temperature resistant, outdoor can be used;
Cost-effective, the price of the same performance is lower than the price of ketoxime type;
Pure color and high transparency; especially suitable for glass glass bonding.
Transparent adhesive high transparency.

Applications areas

Bonding and fixing of door and window glass, mirrors, shower rooms;
Waterproof sealing of sinks, bathtubs, fish tanks, pipe interfaces;
Seam treatment of non-porous materials such as aluminum and PVC.
Especially suitable for applications requiring fast curing and high bonding strength.



S88 - premium acetoxy sealant



Packaging

Plastic cartridge:
280ml, 24pcs/ctn; 12pcs/ctn or customized
12months at 5°C–25°C
colors: black/white/grey/transparent

Product Introduction

It is a one-part, acetoxy cure, versatile silicone sealant that exhibits outstanding bonding properties and excellent weathering resistance, durability, sealing and adhesive properties.

Product Features

Cures to a strong, flexible seal capable of withstanding movement in and around the joints. Can be applied in any season. Outstanding weatherproofing ability, resisting to ultraviolet ray, ozone, snow, or temperature extremes.
Non-slumping; can be used in vertical and overhead joints

Applications areas

glass and glazing application. It also suitable for aquariums etc.



S77 - Acetic General-Purpose Sealant



Packaging

Plastic cartridge:
280ml, 24pcs/ctn; 12pcs/ctn or customized

12 months at 5 °C–25 °C

colors: transparent / black/white/grey

Product Introduction

Acetic acid-cured general-purpose silicone sealant is a high-performance, one-component adhesive/sealant that cures upon exposure to atmospheric moisture. It releases acetic acid (vinegar-like odor) during curing, making it ideal for a wide range of bonding and sealing applications. This sealant offers excellent flexibility, weather resistance, and adhesion to most common building materials.

Product Features

Excellent Adhesion; Weather & UV Resistant; Flexible & Durable; Fast Curing; Waterproof & Mold Resistant; Acetic Odor During Curing; Releases a mild vinegar smell (harmless after full cure).

Applications areas

Construction & Glazing: Sealing and bonding glass, metal, and ceramic surfaces. Household Repairs: Fixing sinks, bathtubs, tiles, and kitchen/bathroom fixtures.

Automotive & Industrial: Gasket sealing, minor repairs, and vibration damping. DIY Projects: Crafting, aquarium sealing (non-toxic after full cure), and general repairs.

DIY Projects: Crafting, aquarium sealing (non-toxic after full cure), and general repairs.

C990 - Kitchen & Bathroom Anti-Mold Sealant



Packaging

Plastic cartridge:
300ml, 24pcs/ctn; 12pcs/ctn or customized

12 months at 5 °C–25 °C

Porcelain white/ color can be adjusted

Product Introduction

Alcohol-based mildew-resistant silicone sealant is a high-performance, one-component sealant designed specifically for wet and humid environments. It cures by reacting with atmospheric moisture, releasing ethanol (alcohol) during the process, making it odorless and non-corrosive compared to acetic acid-based sealants. This product offers superior mold & mildew resistance, excellent adhesion, and long-lasting flexibility, making it ideal for kitchens, bathrooms, and other moisture-prone areas.

Product Features

-Anti-mold grade can reach grade 0;

-Water and moisture resistant

-Good flexibility to avoid cracking;

-No solvent, no white oil, low VOC;

-Bonding tiles, glass, metal, plastic, stone and other substrates, firm and not easy to fall off.

Application areas

Kitchen, bathroom tile joints, toilet edges, bathtubs, sinks, sinks and other moldy parts of the waterproof seal; Hospital operating rooms, pharmaceutical workshops, food processing plants and other sterile environment sealing;

Swimming pools, saunas, hotels and other wet areas of the waterproof mold sealing;

Other home decoration and other moisture-prone parts of the seal.

C980 - Alcohol-Type Edge-Sealing Caulk



Packaging

Plastic cartridge:
300ml, 24pcs/ctn; 12pcs/ctn or customized

12 months at 5 °C–25 °C

colors: Porcelain white/ color can be adjusted

Product Introduction

This product is a single-component, alcohol-based silicone sealant specifically designed for aesthetic edge finishing and waterproof sealing in both interior and exterior decoration projects. With outstanding weather resistance, flexibility, and color stability, it is widely used in home renovation and architectural engineering applications.

Product Features

- Environmentally friendly and safe, no solvent, fresh odor;

- Long-lasting and durable, no yellowing and cracking for long-term use; high elasticity, no contraction;

- Waterproof and mildew-proof, mildew-proof grade 0. Colorful;

- Can be bonded to tiles, glass, metal, wood, plastic and other substrates, adhesion is firm.

Application areas

Ideal for indoor applications

Shopping malls, hotels, home in tile, glass, metal, wood and other materials, seam edging beautification.

Skirting, door and window frames, checkrooms, ceiling seams, window sills, emulsion paint walls.

MS54 - Modified silicone sealant



Packaging

Plastic cartridge:
300ml, 24pcs/ctn; 12pcs/ctn or customized

Sausage:
600ml, 20pcs/ctn; 12pcs/ctn or customized

9months at 5 °C–25 °C

colors : Porcelain white /color can be adjusted

Product Introduction

Modified silicone sealant is an advanced polymer sealing material that combines the superior properties of silicone and organic polymers. This hybrid formulation delivers enhanced adhesion, flexibility and durability compared to conventional sealants. The product cures at room temperature through moisture reaction, forming a permanent elastic seal that maintains performance in extreme environments.

Product Features

Excellent bonding performance: no need for primer, firmly bonding a variety of substrates.
Environmentally friendly: no harmful substances released during curing, low odor.
Excellent paintability: the surface can be sanded and coated;
Good workability: smooth extrusion, good thixotropy, moderate curing speed.
Long-lasting elasticity and displacement capacity
Good water resistance: good water resistance and waterproof sealing properties after curing.
- Excellent resistance to water, chemicals and weathering
- Maintains flexibility after curing (no hardening/cracking)

Application areas

Indoor door and window installation: caulking, sealing and adhesive fixing between door and window frames and walls;
Interior decoration: tile skirting, ceiling decorative line, plasterboard joints, wood floor expansion joints, bathroom sanitary ware (bathtub, washbasin) installation sealing, kitchen countertop joints;
Transportation: ship cabin sealing, high-speed rail/subway car assembly sealing;
Bonding applications: interior decorative lines, advertising signs, bonding of thermal insulation materials.

A1 - Nail free adhesive



Packaging

Plastic cartridge:
300ml, 24pcs/ctn; 12pcs/ctn or customized

12months at 5 °C–25 °C

Porcelain white / color can be adjusted

Product Introduction

No Nail Adhesive is a high-strength, multi-purpose bonding agent designed to replace traditional mechanical fasteners such as nails and screws. Formulated with advanced polymer technology, it offers exceptional adhesion, rapid curing, and eco-friendly properties, making it ideal for permanent bonding on various substrates.

Product Features

No Drilling Required: Protects wall and material surfaces from damage
Ultra-Strong Bonding: Replaces traditional mechanical fastening
Eco-Friendly & Safe: Formaldehyde-free, low VOC, compliant with indoor environmental standards
Weather-Resistant: Anti-aging, withstands extreme temperatures

Applications

Wall-mounted items (picture frames, mirrors, decorative panels)
- Cabinets, baseboards, door frame installation
- Tile & marble backsplash bonding

AS66-Acrylic Sealant



Packaging

Plastic cartridge:
300ml, 24pcs/ctn; 12pcs/ctn or customized; 10L Drum

600ml 20pcs/ctn 12pcs/ctn or customized

12months at 5 °C–25 °C

Porcelain white /color can be adjusted

Product Introduction

Professional one-component vapor-permeable acrylic sealant. It is resistant to environmental influences, with high mechanical strength and good elongation. It has excellent adhesion to a wide range of surfaces.

Product Features

High adhesion to a variety of building materials, including concrete, foam concrete, brick, stone, plaster, PVC, wood, and metal (including tin and galvanized); Non-toxic; Resistance to UV radiation;
Wide operating temperature range: from -60°C to +80°C.

Applications

The sealant is designed for the outer layer of the mounting seam in accordance;
It is used at the junction of window units (including balconies), door blocks and entrance groups, as well as stained-glass structures in the walls of heated civil and industrial buildings;
Deformation of the mounting seam is allowed no more than 15%.

PS55-PU Windshielv Sealant



Packaging

Plastic cartridge:
300ml, 24pcs/ctn; 12pcs/ctn or customized

Plastic cartridge:
600ml, 20pcs/ctn; 12pcs/ctn or customized

12months at 5 °C-25 °C

black, white, grey, color can be adjusted

Product Features

Fast curing and easy application without pre-heating for vehicles

Eco-friendly, free from isocyanate, solvent, acids and halogens

One component air moisture curing Low odor,

high modulus and high viscosity High strength, non-sag

application areas

Especially useful in bonding windshield glass into automotive frames.

Car side and rear glass installing and replacement Sealing and filling movement joints



X33- PU FOAM Cleaner



Packaging

500ml ctn, 12pcs/ctn

Storage: 36 months

Product Introduction

General purpose, high performance product for removing unhardened urethane foam, spray insulation, sealants and glues. It can be used to clean assembly guns, cylinder valves, clean and degrease glass and metal surfaces prior to applying foam or sealants.

Product Features

Powerful cleaning effect

Quickly effect

Cleans every type of foam and applicator gun

Propellant gas is not harmful to the ozone layer

Applications

Removal of unhardened polyurethane residues
Assembly of foams.

Cleaning of assembly guns; and
Cleaning surfaces of polyurethane-based products
(sealants, adhesives, paints, etc.)

Degreasing of various surfaces.

502 - Instant Glue



Packaging

VOLUME: 10g/20g/30g/100g

12months at 5 °C-25 °C

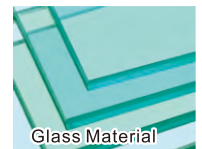
Features

Strong bonding strength

High curing speed

Wide range of application

Colorless and anti-yellowing



Glass Material



Hardware Parts



Plastic

Tools



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.



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)



Production base 1: Handan Santai Rubber Industry Co., LTD (code H)
Address: Matou Economic Development Zone, Jinan New District,
Handan, Hebei Province
Service hotline: 0310-2111898 7026548
Production base 2: Hubei Santai Polymer New Materials Co., LTD.(code T)
Address: Yuekou Industrial Park, Tianmen City, Hubei Province
Service hotline: 0728-3902668
Email: admin@santai-group.cn
Website: www.santaijiaye.com

