

The word "JOINTAS" is rendered in a bold, 3D, metallic silver font with a blue gradient. The letters are thick and have a slight shadow, giving them a three-dimensional appearance. The background behind the text is a dark blue with light blue, wavy, abstract patterns that resemble light rays or liquid motion.

**JOINTAS**

**SEALANT  
FOR  
CONTAINER**

GUANGZHOU JOINTAS CHEMICAL CO., LTD

SINCE 1989

# JOINTAS

## Company profile

Antas is one of the most trusted brands of sealants and adhesives in China. Antas products are widely used throughout Asia, Europe, Middle East and Africa, in all sectors of construction, as well as industrial manufacturing.

Antas Chemical Co. Ltd. , was founded in 1989. Since inception, superior technology and quality remain the key objectives of the company. With about 30 years of investment in its staff and facilities, and through close collaboration with its customers and suppliers around the globe, Antas has grown from a single line of products for marine container application, to a comprehensive range of construction and industrial sealants. The range was further expanded to include construction and industrial coatings.

In 2006, the company was renamed Guangzhou Jointas Chemical Co. Ltd. , while antas® remains the flagship brand for our sealant and adhesive range. Jointas is now publicly listed on Shenzhen Stock Exchange in China.

Antas is one of the most trusted sealants and adhesives in China, being granted many patents and taking an active role in drafting numerous national standards in the industrial sector. China Construction Metal Structure Association has ranked Antas among the best construction sealant brands for 14 consecutive years.



## Sealant R&D center

Jointas set a R&D center in 1990. Personnel from R&D Department and Technology Department formed a key team and professors from Wuhan University, Fudan University, South China University of Technology and Hubei University were employed as consultants to devote themselves to the deep research of various kinds of sealant. With the determination and strength to catch up with and surpass the internationally advanced level, we have obtained various scientific achievements. And our sealant R&D level is always leading in the global market.



## The advocate of quality control system improvement

Jointas has been continuously introducing the advanced industry-specific production and testing equipments, regularly organizing the staffs in production and quality control to attend various training, and ardently developing a technically powerful professional quality inspection team to ensure that the whole process from raw materials selection, production process control to the ex-factory procedure of finished products is under rigid supervision. since 2003 when Jointas was certified by ISO 9001:2000 quality management system, the company took the system as the yardstick, and involved all staffs in the compliance process and continuous improvement by implementing the yardstick throughout all links of process control for production quality. In 2006 the company was certified on the production of sealant and paint, powering the sustainability of high quality of Jointas products. The above-mentioned measure and stability of each Jointas product. Actually, the sophisticated equipment, meticulous examination and testing, and continuous technological improvement constitute three pillars for guaranteeing the Jointas quality, and the very reason for its continued development and prosperity.





Jointas-199 is 1-component, neutral curing silicone weather resistant sealant, and features outstanding weather resistance, high elasticity and strength as well as excellent adhesion. It is mainly used for weather resistant sealing for glass curtain wall and aluminum panel curtain wall, and is applicable for the joint sealing for concrete, plastic, metal and stone. Under normal conditions, the estimated service life of it is 20~30 years. under -20°C ~90°C, the curing bar can keep excellent binding and sealing performance.

## PACKAGE

It is packed in the standard plastic tube or the aluminum composite film. The pure volume is 300ml or 500ml.

## JOINTAS-199 NEUTRAL CURE SILICONE WEATHERPROOF SEALANT

### TECHNICAL PARAMETERS & EXECUTIVE STANDARD:

Test Item		JT/T811-2011	Testing Result	Test Item		JT/T811-2011	Testing Result
Appearance		Homogenous, consistent paste without bubble, agglomeration, gel, skin and difficult to dispersed educts	Homogenous, consistent paste without bubble, agglomeration, gel, skin and difficult to dispersed educts	Adhesion-in-peel	Peel strength (N/mm)	≥ 1.0	6.2
					Adhesion failure area (%)	≤ 20	0
Resistance to flow (50°C)	Vertical (mm)	≤ 3	0	Low temperature flexibility(°C)	-20	No crack	
	Horizontal	No deformation	No deformation	Heat resistance (°C)	90	No crack and color change	
Tack-free time (h)		≤ 2	1.2	Extrudability (mL/min)	≥ 80	299	
Curing time (d)		≤ 7	1.7	Tensile properties at maintained extension (anodized aluminum panel)	No failure	No failure	
Elastic recovery (%)		≥ 60	92	Adhesion/cohesion properties after exposure to UV and to water	No failure	No failure	
Weight loss (%)		≤ 10	5				

### DIRECTIONS:

- ◎ Surfaces must be clean and dry.
- ◎ Operating temperature: 5°C ~ 45°C. Service temperature: -20°C ~ 90°C.
- ◎ Unsuitable for structural glazing and damp place.
- ◎ Do not use near fire or flame, keep out of reach of children.

### SOLIDIFY, MAINTENANCE AND MAINTAIN:

After Jointas-199 is out of water, it began curing. The surface dry time is about 60 minutes. It may be about 21 days after fully cured. In the beginning of using the sealant, please remain fixed and flat in the sealant places. Maintenance, we can repair surface with the solvent to clean, and then marked with the new sealant of the same color and quality.

### SAFETY:

It has no toxicity after entirely cured. Avoid eye contact it when operating. If happened, rinse opened eye under running water for several minutes. During the curing process, sealant will release a small amount of organic molecules. Construction should ensure good ventilation. If necessary, take protective measures. Please keep it away from children.





Jointas-123 neoprene sealant is a kind of one-component neoprene sealant which is designed for sealing container and refrigerator truck. It mainly used for sealing the welding joint of wood floor, door and columns of container. It can applicable for sealing doors and windows and using as the gap filling material for expansion joint and surrounding gap. It can also applicable for binding and sealing glass and aluminum alloy, concrete, wood and metal.

#### STORAGE:

Store in its original unopened package in a dry and shady place, 12 months below 25°C.

#### PACKAGE:

It is packed in the standard paper tube or the aluminum composite film. The pure volume is 310ml or 600ml.

## JOINTAS-123 NEOPRENE SEALANT

### TECHNICAL PARAMETERS & EXECUTIVE STANDARD:

Test Item		JT/T811-2011	Testing Result	Test Item	JT/T811-2011	Testing Result
Appearance		Homogenous, consistent paste without bubble, agglomeration, gel, skin and difficult to dispersed educts	Homogenous, consistent paste without bubble, agglomeration, gel, skin and difficult to dispersed educts	Adhesion-in-peel	Peel strength (N/mm)	≥ 1.0 2.1
					Adhesion failure area (%)	≤ 20 0
Resistance to flow (50°C)	Vertical (mm)	≤ 3	0	Low temperature flexibility(°C)	-20	No crack
	Horizontal	No deformation	No deformation	Heat resistance (°C)	90	No crack and color change
Tack-free time (h)		≤ 0.5	0.1	Extrudability (mL/min)	≥ 80	171
Curing time (d)		≤ 14	2.3	Weight loss (%)	≤ 35	28

### PREPARATION BEFORE USE:

The desired surface shall be clean and dry without oil. For the glass and metal surfaces, dust should be removed, and then clean with soft cloth that dipped alcohol.

### USAGE:

- ◎ It is better to cover the surrounding of desired gap with pressure sensitive adhesive tape for protecting when construction.
- ◎ Cut the cover to required degree with sharp scissor, the sealant which is packed in compound paper shall be remove with iron wire or sharp tool after cutting the protective aluminum foil.
- ◎ Install it in the spray gun to construct continuously. Directly press the product on the desired part with sharp nozzle.
- ◎ Level the surface within the surface dry time (20 minutes) with bamboo sheet and soap solution.
- ◎ Carefully remove the pressure sensitive adhesive tape within 15 minutes after constructing.

### CAUTIONS:

- ◎ Above data is only for reference, please test according to the actual situation before use. Please don't hesitate to contact Jointas Company for enquiry.
- ◎ Avoid contacting skin for a long time, immediately see a doctor if it contacts eyes when constructing.
- ◎ Keep away from children.



Jointas-142 one-component butyl sealant is designed for sealing container and refrigerator truck, only the surface instead of inside of coating film dries, therefore, it has excellent flexibility and softness as well as excellent sealing property and anti-aging property, but it has low mechanical strength. The product is mainly used for sealing wood floor and bottom beam of container and counter. Jointas-142 can also be used for sealing doors and windows and using as the gap filling material for expansion joint and surrounding gap.

#### STORAGE:

Store in its original unopened package in a dry and shady place, 12 months below 25°C.

#### PACKAGE:

It is packed in the standard paper tube or the aluminum composite film. The pure volume is 310ml or 600ml.

## JOINTAS-142 BUTYL RUBBER SEALANT

### TECHNICAL PARAMETERS & EXECUTIVE STANDARD:

Test Item		JT/T811-2011	Testing Result	Test Item		JT/T811-2011	Testing Result
Appearance		Homogenous, consistent paste without bubble agglomeration, gel, skin and difficult to dispersed educts	Homogenous, consistent paste without bubble agglomeration, gel, skin and difficult to dispersed educts	Adhesion-in-peel	Peel strength (N/mm)	≥0.4	1.4
					Adhesion failure area (%)	≤20	0
Resistance to flow (50°C)	Vertical (mm)	≤3	0	Low temperature flexibility(°C)	-20	No crack	
	Horizontal	No deformation	No deformation	Heat resistance (°C)	90	No crack and color change	
Tack-free time (h)		≤0.5	0.1	Extrudability (mL/min)	≥80	158	
Curing time (d)		≤14	2.6	Weight loss (%)	≤35	20	

### PREPARATION BEFORE USE:

The desired surface shall be clean and dry without oil. For the glass and metal surfaces, dust should be removed, and then clean with soft cloth that dipped alcohol.

### USAGE:

- ◎ It is better to cover the surrounding of desired gap with pressure sensitive adhesive tape for protecting when construction.
- ◎ Cut the cover to required degree with sharp scissor, the sealant which is packed in compound paper shall be remove with iron wire or sharp tool after cutting the protective aluminum foil.
- ◎ Install it in the spray gun to construct continuously. Directly press the product on the desired part with sharp nozzle.
- ◎ Level the surface within the surface dry time (20 minutes) with bamboo sheet and soap solution.
- ◎ Carefully remove the pressure sensitive adhesive tape within 15 minutes after constructing.

### CAUTIONS:

- ◎ Above data is only for reference, please test according to the actual situation before use. Please don't hesitate to contact Jointas Company for enquiry.
- ◎ Avoid contacting skin for a long time, immediately see a doctor if it contacts eyes when constructing.
- ◎ Keep away from children.



Jointas-323 is a 1-component waterbased sealant which is designed for sealing in container and refrigerator car. As a environment-friendly product, it has no VOC solvent volatile during operation. Jointas-323 has excellent performance in elasticity, sealing, water-resistance and weather-resistance, it is recommended to be used for joint sealing in woodfloor, door and columnaion, it also can be used for jointing and sealing in window, expansion or permeter joint.

### STORAGE:

Jointas-323 are non-inflammable and can be transported normally. When stored in shady dry place below 25°C the products has a usable life of 12 months from the date of manufacture.

### PACKAGE:

It is packed in the standard paper tube or the aluminum composite film. The pure volume is 310ml or 600ml.

## JOINTAS-323 WATERBASED SEALANT

### TECHNICAL PARAMETERS & EXECUTIVE STANDARD:

Test Item		JT/T811-2011	Testing Result	Test Item		JT/T811-2011	Testing Result
Appearance		Homogenous, consistent paste without bubble, agglomeration, gel, skin and difficult to dispersed educts	Homogenous, consistent paste without bubble, agglomeration, gel, skin and difficult to dispersed educts	Adhesion-in-peel	Peel strength (N/mm)	≥ 1.0	1.0
					Adhesion failure area (%)	≤ 20	16
Resistance to flow (50°C)	Vertical(mm)	≤ 3	0	Low temperature flexibility(°C)	-20	No crack	
	Horizontal	No deformation	No deformation	Heat resistance(°C)	90	No crack and color change	
Tack-free time(h)		≤ 0.5	0.2	Extrudability (mL/min)	≥ 80	158	
Curing time(d)		≤ 14	4.5	Weight loss(%)	≤ 35	20	

### USAGE:

- ◎ It is better to cover the surrounding of desired gap with pressure sensitive adhesive tape for protecting when construction.
- ◎ Cut the cover to required degree with sharp scissor, the sealant which is packed in compound paper shall be remove with iron wire or sharp tool after cutting the protective aluminum foil.
- ◎ Install it in the spray gun to construct continuously. Directly press the product on the desired part with sharp nozzle.
- ◎ If the sealant surface need to be smoothed, please operated in Tack-Free time(30 min). You can easily operate with tools wetted with soap solution.
- ◎ Carefully remove the pressure sensitive adhesive tape within 20 minutes after constructing.

### CAUTIONS:

- ◎ The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Jointas' products are safe, effective, and fully satisfactory for the intended end use. Customer should have a good knowledge of the product and make independent judgment of optimal usage. Please contact our service engineer if necessary.
- ◎ Avoid skin contact it for long time. In case it splash into eyes, rinse opened eye under running water for several minutes, then consult doctor. Please keep it away from children.
- ◎ For the product has no organic solvent in it, it could be safe when operating. After entirely cured, it has no toxicity and is non-inflammable.
- ◎ Be sure keeping sealants out of the influence of water within 4-6 hours after operation.
- ◎ This product will has its best performance after 3 weeks, please do not peel it within 14 days.
- ◎ Do not operate if environment temperature lower than 10°C.



JT-339 is a one-part, high-modulus, neutral-cure, all-purpose sealant based on a hybrid polymer. It is specially designed for sealing dry containers with excellent performance including advantage of MS, PU and silicone sealant. It is a good substitute for MS, PU and silicone sealant. It is also widely used in construction field. JT-339 has outstanding adhesion for most substrates; excellent anti-UV, aging and moisture resistance, specially used for joints both need adhesion and sealing functions.

#### STORAGE:

Store in its original unopened package in a dry and shady place, 12 months below 27°C.

#### PACKAGE

It is packed in the standard plastic tube or the aluminum composite film. The pure volume is 310ml or 570ml.

## JOINTAS- 339 HYBRID POLYMER MS SEALANT

#### TECHNICAL PARAMETERS & EXECUTIVE STANDARD:

Test Item	JT/T811-2011	Testing Result	Test Item	JT/T811-2011	Testing Result	
Appearance	Homogenous, consistent paste without bubble, agglomeration, gel, skin	Homogenous, consistent paste without bubble, agglomeration, gel, skin	Adhesion-in-peel	Peel strength (N/mm)	≥ 1.0	5.1
				Adhesion failure area (%)	≤ 20	0
Resistance to flow (50°C)	Vertical (mm)	0	Heat resistance(°C)	90	90	
	Horizontal	No deformation	Extrudability(mL/min)	≥ 80	233	
Tack-free time(h)	≤ 3	0.5	Density	-	1.40g/cm	
Weight loss(%)	≤ 10	1.90	Shore A hardness	-	35	
Low temperature-flexibility (°C)	-20	-40	Tensile strength	-	1.90	

#### FEATURE

- ⊙ solvent-free; isocyanate free; phthalate free
- ⊙ tack-free and highly elastic after curing
- ⊙ room temperature curing
- ⊙ overpaintable
- ⊙ rapid curing
- ⊙ non-staining
- ⊙ easy to process
- ⊙ suitable for many different surfaces, even without a primer

#### APPLICATION

- ⊙ for sealing dry containers
- ⊙ for external and internal construction and fixation
- ⊙ for sealing joints between a wide variety of materials, such as wood, glass, metals, plastics or mineral based substrates
- ⊙ for sealing constructional joints
- ⊙ for crack-free, paintable connection joints

#### PREPARATION BEFORE USE

Substrates must be clean and free of dust and grease. The form of application will depend on the type of the job. The sealant can be squeezed out through a cartridge nozzle or applied to larger areas with a trowel. It requires moisture in order to cure. The sealant should therefore be applied in bead form to moisture-impermeable substrates, or else these should be moistened prior to bonding.

#### QUALITY GUARANTEE

As an ISO9001:2008 certified company, we supply good quality products for customers according to the ISO9001:2008. We issue Quality Guarantee after customers buy our products for particular projects by particular construction company.





JT-335 is a one-part, high-modulus, neutral-cure, all-purpose sealant based on a hybrid polymer. It is specially designed for sealing reefer containers with excellent performance including advantage of MS, PU and silicone sealant. It is a good substitute for MS, PU and silicone sealant. It is also widely used in construction field. JT-335 has outstanding adhesion for most substrates; excellent anti-UV, aging and moisture resistance, specially used for joints both need adhesion and sealing functions.

## STORAGE

Store in its original unopened package in a dry and shady place, 12 months below 27°C.

## PACKAGE

It is packed in the standard plastic tube or the aluminum composite film. The pure volume is 310ml or 570ml.

## JOINTAS-335 HYBRID POLYMER MS SEALANT

### TECHNICAL PARAMETERS & EXECUTIVE STANDARD:

Test Item		JT/T811-2011	Testing Result	Test Item	JT/T811-2011	Testing Result
Appearance		Homogeneous, consistent paste without bubble, agglomeration, gel, skin and difficult to dispersed educts	Homogeneous, consistent paste without bubble, agglomeration, gel, skin and difficult to dispersed educts	Adhesion-in-peel	Peel strength (N/mm)	≥ 1.0 15.0
					Adhesion failure area (%)	≤ 20 0
Resistance to flow (50°C)	Vertical (mm)	≤ 3	0	Low temperature flexibility(°C)	-20	-40
	Horizontal	No deformation	No deformation	Heat resistance (°C)	90	No crack and color change
Tack-free time (h)		≤ 3	0.5	Extrudability (mL/min)	≥ 80	233
Weight loss(%)		≤ 10	1.62	Shore A hardness	-	35
Density		-	1.40g/cm	Tensile strength	-	1.90

### PREPARATION BEFORE USE:

The desired surface shall be clean and dry without oil. For the glass and metal surfaces, dust should be removed, and then clean with soft cloth that dipped alcohol.

### USAGE:

- ◎ It is better to cover the surrounding of desired gap with pressure sensitive adhesive tape for protecting when construction
- ◎ Install it in the spray gun to construct continuously. Directly press the product on the desired part with sharp nozzle.
- ◎ Level the surface within the surface dry time (20 minutes) with bamboo sheet and soap solution.
- ◎ Carefully remove the pressure sensitive adhesive tape within 15 minutes after constructing.

### CAUTIONS:

- ◎ Above data is only for reference, please test according to the actual situation before use. Please don't hesitate to contact Jointas Company for enquiry.
- ◎ Avoid contacting skin for a long time, immediately see a doctor if it contacts eyes when constructing.
- ◎ Keep away from children.



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