

# Silicone Sealant for general purpose

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## SEALANT AA

**SEALANT-AA** : Silicone Rubber Sealant designed for general purpose sealing applications.

### 1

#### Feature

- One-component paste-like silicone sealant
- Superior adhesiveness on various materials
- General purposes for sealing and bonding with various types of materials
- Non-sagging
- Curing at room temperature and easy handling
- Excellent elasticity and long term durability
- Weatherability resistance at -50 to 150°C

### 2

#### Application

- General purpose sealing and bonding applications.
- Suitable for various substrate such as Glass - Metals - Sashes - Marbles - Aluminium - Prefab housing units - Suspension construction - Plastics

### 3

#### Color

Translucent/White/Black /Dark Brown/Aluminium

### 4

#### Packing

280 ml/cartridge

### 5

#### Properties



Properties		Results	Test Method
Before curing	Appearance	Paste	
	Fluidity	Non-Sagging	
	Skin-Over Time at 23°C/50%RH	7 min	
After curing	Density @ 23 degree C	1.01	JIS K-6249
	Hardness shore A	20	JIS K-6249
	Tensile Strength	1.6 MPa	JIS K-6249
	Elongation at break	510%	JIS K-6249

Curing conditions: 23-25 degree Celsius, 50-55% humidity , 7 days

## 6 Instruction for use

Please read the latest Shin-Etsu published Functional Sealants Technical Manual. The manual can be obtained from the Shin-Etsu website. [http:// www.shinetsusilicone-global.com/](http://www.shinetsusilicone-global.com/)

## 7 Handling Precautions

- It reacts with moisture in the air and begins to cure at the surface. Consequently, the cure speed will vary according to the temperature and humidity of environment.
- Please note that it may not cure if it comes in contact with flux or certain materials.
- When using with air gun, be sure to set the pressure at a safe and proper level. Pressure should be exceeded 0.2-0.3 MPa.

## 8 Limitation

- 1) Do not use for structural glazing
- 2) It may cause corrosion and discoloration on galvanized iron, zinc-coated steel, copper, brass, limestone, cement, concrete, brick, marble and other porous materials, etc.
- 3) Appropriate for movement joints maximum  $\pm 25\%$

- 4) Before using, the prior test on materials are recommended
- 5) It can't be used as aquarium sealing and interior fire stop system applications.
- 6) Do not use with reflective coated mirrors
- 7) Do not use with direct food and drinking water contact application

## 9 Storage Precaution

- Stored between 1-25°C and keep out of sunlight.

## 10 Shelf Life

12 month from manufacturing date under storage condition in No. 10

## 11 Safety and Hygiene

- Be sure to provide adequate ventilation area when using
- Be careful not to rub the eyes with hands when using. Please take the appropriate wearing glasses.
- Keep out of children
- Please read Material Safety Data Sheet(MSDS) before using.

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