

# Neutral weatherproof silicone sealant

## ■ Technical Data Table

Items	S301	S302	S303	S304
Tackle Free Time(25°C, 60% Humidity)	7-16 minutes	6-15 minutes	5-12minutes	5-10 minutes
Full curing time(25°C, 60% Humidity)	2-4 days	2-4 days	1-2 days	1-2 days
Density(g/ml)	0.89	0.9	0.92	0.94
Elastic Recovery(%)	350-450	300-400	300-350	250-350
Shore A Hardness	15-20	15-25	20-25	25-30
Tensile Modulus(MPA)	0.7	0.8	1	1.1
Consistence(cm)	8.6	8.5	8.5	8.4
Slump(mm)	0.1	0.1	0.1	0.1
Silicone Content(%)	20	28	35	46

## NEUTRAL SILICONE SEALANT

Premium Quality & Ultimate Service

Items	S305	S306	S308
Tackle Free Time(25°C , 60% Humidity)	4-10 minutes	4-8 minutes	3-5 minutes
Full curing time(25°C , 60% Humidity)	1-2 days	1-2 days	1-2 days
Density(g/ml)	0.98	1	1.1
Elastic Recovery(%)	200-350	200-300	200-250
Shore A Hardness	30-35	30-40	35-50
Tensile Modulus(MPA)	1.2	1.3	1.5
Consistence(cm)	8.4	8	8
Slump(mm)	0.05	0.05	0.05
Silicone Content(%)	55	65	80

Note: All data above were tested under special condition (7 days after full cured).

### ■ Product Description

- Consists of a one-component adhesive sealant that cures at room temperature when it is exposed to the prevalent moisture in the air. Its no-sag properties allow for easy application and cures to a durable.

### ■ Key Features

- High elasticity
- Moisture-cure, no cracking
- Bonding well with many substrates, no corrosion and pollution to substrate
- Neutral weatherproof silicone sealant is ideal for sealing and bonding different types of exterior glass curtain wall, Aluminum material, dry hanging stone, metal, glazing, ceramic tile etc.

## NEUTRAL SILICONE SEALANT

Premium Quality & Ultimate Service

### ■ Typical Applications

- Applicable during the installation of curtain wall and glazing fittings, metal and plastic substrates, concrete, marble, wood, steel and possesses a curing system.

- Some other adhesion applications include the bonding of appliance, heating, air conditioning, aircraft, automobile, truck and trailer parts. MAXTECH general purpose silicone sealant also forms into excellent seals for pumps and compressors and works wonders on sheet metal and duct working. All in all, it protects from damaging, invading moisture and holds its own against extreme weather conditions.

### ■ Packing Specification

- Cartridge 280ml/300ml
- Sausage 400ml
- Sausage 600ml
- Pail/Drum 240kg

24pcs per box,

CTN Size: 30\*20\*24cm. One 20 feet container load 2000 cartons or 1600 cartons with pallet

### ■ Direction for use

#### Tool: Manual or pneumatic plunger caulking gun

- Cleaning: Clean and dry all surfaces by removing foreign matter and contaminants such as oil dust, grease, frost, water, dirt, old sealants and any protective coating.

- For cartridge

1.Cut nozzle to give the required angle and bead

size

2.Pierce the membrane at the top of the cartridge and screw on the nozzle

3.Place the cartridge in an applicator gun and squeeze the trigger with equal strength

- For sausage

1.Clip the end of the sausage and place in barrel gun

2.Screw end cap and nozzle on to barrel gun

3.Using the trigger extrude the sealant with equal strength

### ■ Attention of operation

- Sealant construction site should pay special attention to maintain a good ventilation environment

- eyes come into contact with uncured adhesive accidentally, please wash them with plenty of water and ask the doctor for help

- Before using the product, users must conduct compatibility and adhesive test to confirm that the product and base material can meet construction requirements Company shall only guarantee whether the products can meet the quality requirements, and shall not be responsible for any loss caused by any accident and improper operation during using our products.

### ■ Transport &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.

- Cartridge and Sausage :12 month. Pail/Drum:6 month.

Notice:If the temperature is higher than 40 °C or the humidity is more than 80%RH, the shelf life may be shorter.

**■ Safety Operation Data**

MSDS isn't included here. Please read TDS, MSDS and label carefully before operation. You can get MSDS from MAXTECH or other distributors, or mail to service center [maxtech@shmaxtech.com](mailto:maxtech@shmaxtech.com)

**■ Warranty and Liability**

All product properties and application details based on information believe to be reliable and accurate. But you still need to test its property and safety before application. The advice we supply don't apply in any circumstances. MAXTECH don't make assurance of any other applications outside the specification until MAXTECH supply a special written guarantee. MAXTECH is only responsible to replace or refund if this product is defective within the warranty period stated above. MAXTECH makes it clear that will not be liable of any accidents.