



# Changzhou Juyou New Material Tech Co.,Ltd.

## JY-920 Foam silicone rubber

JY-920 is two component addition type room temperature cured silicone rubber

### 1. Product features

Nontoxic, odorless and inert

Cure under room temperature to, easy to use

Non-corrosiveness

Good adhesion

Good absorption of mechanical shock or impact of high frequency shock.

Long service life.

### 2. Product Technical Parameters

	Item	Test method	Unit	Index	
Before the vulcanization	Component			A	B
	Appearance	Ocular estimate		White liquid	Semi-transparent liquid
	Viscosity, stir at 23°C	GB/T 2794-1995	Pa.s	50000~70000	50~100
	Mixture ratio		A : B	10:1	
After the vulcanization	Proportion, 23°C	GB/T 1033.1-2008	g/cm <sup>3</sup>	0.18~0.3	
	Structure type of aperture			Open	
	Hardness (Shore A)	GB/T 531-1999		10~30	

### 3. Applications

The filler for emulational rubber, toys and so on.

The filling of adiabatic interlayer and the floating material in the salt atmosphere

The filling and repair materials for orthopedic surgery

Industrial rubber roller liner

Mattresses, pillows and other daily necessities

### 4. Usage

Before using, mixing well A and B separately

Weigh component A and B according to A: B = 10:1 by weight

Stir rapidly for 1 min, then pouring into the mould.

It is suggest that the best cured temperature is 20~25°C , which is conducive to stable operation.

### 5. Consistency

Specific materials, chemical compound, vulcanizers, and plasticizers will hinder the vulcanization of the product, mainly include:

- Organic tin and other metallic compound
- Silicone rubber contained organotin catalyst

- Sulphur, polysulfide, polysulfone or other sulphur containing articles
- Amine, ethyl carbamate or amine containing articles
- Unsaturated hydrocarbons plasticizer.
- Flux residues.

In order to ensure the applicability in the application, it is suggested to do small compatibility tests, if there is a question of whether one material will cause a hindrance to vulcanization or not. If there is a liquid or not vulcanized substance on the surface of an interrogative object and a vulcanized gel, it shows no compatibility, which will hinder the vulcanization.

## **6. Package and shipment**

Component A and Component B are packed in 200kg metal barrel and 20kg plastic drum separately, or other specification package.

Store in dry place to avoid sun exposure and rain .The shelf life is 6 months with the original packing.

Transport as non-dangerous goods