

Silicone Gel

1. Description

The silicone gel is a kind of two components (1:1 mixing ratio) addition cure silicone with good chemical stability, electrical performance, and lasting elasticity at the temperature of $-65\sim 200^{\circ}\text{C}$. It has the properties of water proof, ozone proof, weather proof, corrosion protection, physiological inert, non-toxic, tasteless etc. Thus, it can be used widely as electronic products potting, life like products and so on.

2. Features

- ☆ excellent fluidity, easy to operate
- ☆ skin safe, non-toxic and tasteless
- ☆ good moistureproof property
- ☆ high transparency, also, other color like human tone is also available
- ☆ excellent flexibility and elasticity

3. Applications

For electronic insulation potting/electronic fixed, such as LED, LCD, circuit board, electronic box, LED screen, air filter, etc.

For lifecasting products making, such as chest paste, scar, shoulder pad, toe device, toe cap, feet orthopedics etc.

For filling, such as silicone baby filling, adult products filling, silicone pillow, nude bra, etc.

4. Parameter

Model NO·	XB-900#	XB-902#
Mixing Ratio (by weight)	1:1	1:1
Appearance/Color	Transparent	Transparent
Hardness (Shore A)	0	0
Mixed viscosity (mPa·s)	1000±500	750±500
Working Time (at 23°C/75°F, MINS)	30	30
Curing Time (at 23°C/75°F, HRS)	2~5	2~5
Shrinkage, %	<0.1	<0.1

5. Notice

- 1) As it's very easy to cause uncured problem, so it cannot mix with condensation cure silicone rubber, organic matter which is containing N, S, P organics and ionic compound like Sn, As, Hg, Ph.
- 2) The curing of this kind of silicone rubber would be impact seriously by the temperature, so pls keep the temperature same (at least 15°C) when make it cured.
- 3) Store is out of reach of children.

4) Avoid contact with eyes. In case of eye contact flush thoroughly with water. If irritation persist get medical attention.

6. Package

1) Small size packages:

10kg/set——5kg/jar for each part

20kg/set——10kg/jar for each part

2.General size packages

40kg/set——20kg/pail for each part

50kg/set——25kg/pail for each part

400kg/set——200kg/pail for each part

7. Transportation and Storage

1) Silicone rubber is non-toxic, odorless, non-flammable, noncorrosive harm, can press the non-dangerous goods and shipping

2) Shelf life would be twelve(12) months when stored under dry and cool place by original package under 25℃ well preserved.