



深圳市正安有机硅材料有限公司  
Shenzhen genvan silicone materials co.,ltd  
东莞市正安有机硅科技有限公司  
Dongguan genvan silicone technology co.,ltd

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## GA-28 series liquid silicone rubber

10-80shore hardness,two component 1:1mixing,compression molding and injection molding liquid silicone rubber

### feature

- High transparency
- Excellent physical properties
- Meet FDA 21CFR 177.2600

### application

- Gasket,grommet
- Kitchenware
- Industrial sealings



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牌号 item code	GA-2820	GA-2830	GA-2840	GA-2850	GA-2860	GA-2870
外观 appearance	透明 transparency					
粘度 (Pa.s)	500	500	600	600	800	800
硬度(邵氏) (ShoreA)	20	30	40	50	60	70
密度 (g/cm <sup>3</sup> )	1.10	1.10	1.11	1.12	1.13	1.14
拉伸强度 (MPa)	6.5	7.5	9.0	9.5	9.5	9.0
伸长率 (%)	850	780	650	500	400	300
撕裂强度 (KN/m)	14	28	32	35	30	25
线收缩率 (%)	2.1	2.1	2.1	2.0	2.0	2.0

linear shrinkage

- PS: 1、 first curing conditions:130 °C vulcanization for 5 minutes.  
2、 the above data is for reference only and cannot be used as a method.  
3、 The performance and appearance of the above products are the standard product performance and appearance of GENVAN company. If customers have special requirements on the appearance, they need to communicate with the sales staff in advance for confirmation.



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### **Description**

GA-28series products have high transparency,excellent mechanical properties,short curing time,products Touched with food need post cure at 200° C 4hours

### **Applicaiton method**

#### **Mix and expel air**

Components A and B have been filtered and air removed for use as matching lot Numbers when supplied.Mix part A and part B in A 1:1 ratio.It is strongly recommended to use metering and mixing equipment of conveying, metering and mixing two components without infiltration of air.If air bubbles are introduced during the mixing process, a vacuum device must be used to completely remove the air.

#### **Cleaning**

Most hydrocarbon solvents remove uncured silicon.Polar solvents, such as ketones and ethanol, are not.

### **Curing**

GA-28series liquid silicone rubber will quickly solidify at high temperature.Curing time depends on thickness and curing temperature used.Contact with certain materials, such as amines, sulphur and tin compounds, inhibits curing.

### **Storage**

Products should be preserved in 32 ° C or lower temperature in the unopened original container.The storage life of this product is 9 months, and it can be used after passing the re-inspection.

### **Available time**

After A and part B mixed, mixture at 25 ° C is valid for 48hours

### **Package**

55 gallon steel drum (net weight 200kg) or 20L straight plastic drum (net weight 20kg)



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### **Industrial instructions**

- ◆User has the obligation to understand the applicable scope and use purpose of the genvan products to be used.
- ◆Do not use genvan products for transplantation or injection into human body.
- ◆the test report accompanying the goods is only obtained by the laboratory of genvan company according to the test method of genvan company. It cannot be used as the standard of genvan company's liquid silicone rubber products and cannot be used as the acceptance basis for customers to accept the products of genvan company.

- ◆due to the different test production conditions, we cannot guarantee that both of us can get the same test results. It is suggested that users use the data tested under their own test conditions as a reference for the performance.
- ◆any of the above performance data and applicable Suggestions are only a reference for the use performance of genvan products, rather than a guarantee for the effectiveness or universality of genvan products in specific applications.
- ◆We reserve the right to change the parameters of the product without further notice.