

GL 902-4 Silicone Sealant

Description

GL 902-4 is a two part system which designed to be cured at room temperature. This is a dual barrel dispensing method product and comes with the ratio of 1:1 of Part A and Part B. GL 902-4 is a silicone based material. When fully cured, the silicone sealant is soft and rubbery.

Applications

1. Silicone sealant for speaker and electronic parts or devices.

Properties

Property	Test Method	Unit	Typical Value		
			Part A	Part B	Mixed
Chemical type			Silicone	Silicone	
Appearance	Pen 10		Blue	Yellow orange	Green
Mix ratio, by volume			1.0	1.0	
Shelf life, 25°C	Pen 26	Month	12	12	
Gel time, 25°C	Pen 16	Min			≤10
Viscosity, CAP 2000+ Viscometer, 25°C	Pen 44	cP	7,500	7,500	
Tensile strength	Pen 41	kgf/cm ²			2.8
Elongation at break	Pen 41	%			100
Hardness, cured 25°C for 24 hours	Pen 29	Shore A			30
Specific gravity (cured)	Pen 14				1.0

Guidelines for Use

1. Fix a new static mixer to the dual barrel cartridge.
2. Use either a manual or a pneumatic dispenser to dispense equal amount of the part A and part B.
3. The silicone sealant will gel in 10 minutes.
4. The silicone sealant will harden in about 24 hours. Faster curing can be achieved at elevated temperatures, eg. 70°C for 15 minutes.
5. Wipe off any excess uncured silicone sealant with a piece of dry cloth or tissue. Further cleaning may be achieved with tissue wetted with iso-propanol (IPA).

Recommended Cure

Schedule	Temp.	Cure Time
A	25°C	24 hr

Storage

Store this silicone sealant in air tight container, cool, dark place (temperature range from 20°C to 30°C) to prolong shelf life. Prevent moisture condition.

Packaging

- 50 ml 1:1 dual barrel syringe
- 1 kg plastic pail

Environment, Health & Safety

This product is RoHS compliant. It does not contain any known carcinogenic, mutagenic or teratogenic components.

Contact Information

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