



Product description	· QS9109-white is a one-component, room temperature vulcanizing (RTV) and OXIME curing silicone rubber.
Applications	· Protective sealing electric & electronic parts (of power supplies, connector, sensor, relay, high voltage resistor pack.)
Key performance properties	<ul style="list-style-type: none"> · Paste. · Excellent weathering resistance. · Good adhesion on most electric & electronic materials without primer. · Suitable for sealing electric & electronic parts. · Remains flexibility at low (-40 °C) and high (200 °C) temperatures.
Certifications	UL 94 HB

Typical Property Data

Benefits	<ul style="list-style-type: none"> · Paste · Excellent Physical Property · Excellent weatherability
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Typical properties	Property	Unit	Value
	Appearance	-	White Paste
	Specific Gravity	-	1.3
	Tack-Free time	min	5
	Hardness	Shore A	45
	Tensile Strength	MPa	2.5
	Elongation	%	200
	Volume Resistivity	Ωcm	1.31 * 10 ¹⁵
	Lap shear Strength	MPa	2.5
	Dielectric Strength	kV/mm	30
	Shelf Life	Month	6

*Typical property data values should not be used as specifications

Storage and packaging

Shelf life and storage	<ul style="list-style-type: none"> · Use within 6 months from the day of manufacture when stored 5 ~ 25°C in the original unopened containers. · Store in a cool dry place out of direct sunlight.
Packaging	0.3L cartridge, 20kg Pail

Remarks

Handling Precautions	<ul style="list-style-type: none"> · Cure time will depend on many factors and should be determined by the user for each specific application. (especially thickness, temperature and relative humidity) · Maintain adequate ventilation in the work place at all times. · Adhesion may be less successful on plastics such as polyethylene, polypropylene and so on.
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- Adhesiveness may decline in case of the substrate contaminated.
 - For the best adhesion, clean surfaces thoroughly with solvent before applying the product. (ex. MEK)
 - Users should do preliminary tests in each specific application to ensure satisfactory results.
 - This product should not be applied condition below.
- ① On surfaces that are continuously immersed in water.
 - ② On materials that bleed oils, plasticizers or solvents that may affect adhesion.
 - ③ On frost-laden or wet surfaces.
 - ④ To surfaces in direct contact with food or other food-grade applications
 - ⑤ When substrate surface temperatures exceed 50 °C.
 - ⑥ For continuous high pressure and high temperature.
 - ⑦ For Interior fire prevention section.
 - ⑧ For application that wear is expected by physical friction.
 - ⑨ If the RTV is intended to be painted (paints do not typically adhere to most RTV)
- Wash thoroughly affected skin areas with mild soap and plenty of water
 - Wear eye protection and protective gloves when handling this product.
 - Store in original unopened containers in a dry place.
 - Temperature should not exceed 25 °C for prolonged periods.
 - Do not mixing with other products
 - As change in quality can be at long term storage, use in validity.
 - This product in neither tested nor represented as suitable for medical or pharmaceutical uses.
- Before handling, read product and safety data sheets and container labels for safe use, physical and health hazard information.
- Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from KCC subsidiaries or may be printed via KCC web site <http://www.kccworld.co.kr/silicone>
- ※ Inquire other questions to customer service.

Warranty information	<p>The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that KCC's products are safe, effective, and fully satisfactory for the intended end use.</p> <p>KCC's sole warranty is that the product will meet the KCC sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to replacement of any product shown to be other than as warranted.</p> <p>KCC specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Unless KCC provides you with a specific, duly signed endorsement of fitness for use, KCC disclaims liability for any incidental or consequential damages.</p> <p>Suggestions of use shall not be taken as inducements to infringe any patent.</p>
1'st issue	
Revision	2018-08-30

※ Please refer to MSDS if you want to know more specific usage or caution.
for further information, please see our website, www.kccworld.co.kr

