



Product description	SL3800 is a transparent and addition type two component silicone RTV. The mixing ratio of Part A (SL3800A) and Part B (SL3800B) or Part B (SL3800B(SP)) is 10:1 by weight percent.
Applications	General potting applications: power supplies, connectors, sensors, industrial controls, transformers, amplifiers, high voltage resistor packs, relays; adhesive/encapsulant for solar cells; adhesive handling beam lead integrated circuits during processing
Key performance properties	<ul style="list-style-type: none"> - Anticorrosive, Heat vulcanization - Excellent electrical properties and thermal stability - High stability and flexibility at low temperature - High transparency - Excellent releasing effect

Typical Property Data

Benefits	<ul style="list-style-type: none"> -Excellent weatherability -Excellent thermal stability -High transparency 			
Typical properties	Properties	SL3800A	SL3800B	SL3800B(SP)
	Uncured properties			
	Color	Transparent	Transparent	Transparent
	Viscosity (25 °C, Pa·s) ¹⁾	1.032	0.97	
	Viscosity (as mixed, 25 °C, Pa·s) ¹⁾	4,500 ¹⁾	45 ²⁾	55 ²⁾
	Mixing ratio	10 : 1		
	Mixing viscosity (25°C, mPa·s)	3,000		
	Pot life (25°C, Hour)	3		1.5
	Cured compound (170°C × 10min, Teflon mold)			
	Specific gravity (25 °C)	1.02		
	Hardness (Shore A)	52		
	Tensile strength (MPa)	5.0		
	Elongation (%)	110		
	<p>1) Brookfield Viscometer : HB Type, Spindle No.5, 50rpm 2) Brookfield Viscometer : LV II -PRO Type, Spindle No.6, 120rpm Caution) Typical property data values should not be used as specifications</p>			
Composition	-Modified Silica -Silicone polymer			
How to use	SL3800B or SL3800B(SP) should be mixed into the SL3800A just before use in the amount of 100 parts SL3800A to 10 parts SL3800B or SL3800B(SP) by weight.			
Features	-Two component (10:1) -High transparency			

Storage and packaging

Shelf life and storage	Use it within 12 months from the day of manufacture. Store in a cool & dry place out of direct sunlight. Keep out of the reach of the children.
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Packaging	SL3800A : 20kg Plastic pail
	SL3800B, SL3800B(SP) : 1kg Tin Can

Remarks	
Handling	1) Curing time can be different from temperature ranges.
Precautions	<p>2) If contacts or contains with water, sulfur, nitrogen compounds, organic metallic salts, Sn compounds, phosphorus compounds ,vulcanized rubber, etc. might cause curing faults, careful attention is needed at all times.</p> <p>3) Keep out of the reach of children. Do not swallow.</p> <p>4) Do not use heat, open flame, sparks or other sources of ignition.</p> <p>5) For industrial use only</p> <p>6) No shock and vibration</p> <p>7) Store in a cool place out of direct sunlight. When stored at or below 30°C in the original unopened containers have a useable life of 12 months from the date of production.</p> <p>8) All parts should be as clean and dry as possible prior to applications.</p> <p>9) Use product after completely cured.</p> <p>10) Keep away from ultraviolet light.</p> <p>11) Wear eye protection and protective glove when handling this product. Maintain adequate ventilation in the work place at all times.</p> <p>12) Wash thoroughly affected skin areas with mild soap and plenty of water</p> <p>13) Do not dispose of the emptied container unless the contents have been completely removed and the container has been flushed with a clean neutral solvent and then dried up.</p> <p>14) Use product within shelf life.</p>
Warranty information	<p>Please read carefully</p> <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. 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. 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. Suggestions of use shall not be taken as inducements to infringe any patent.</p>
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※ 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

