



Product description	SL2000 is a addition cure silicone rubber which produces a highly flexible resilient rubber It is highly suitable for cable protector. (Mixing ratio – A : B = 10 : 1)
Applications	Cable protector
Key performance properties	High reactivity, low viscosity, short cure cycle Excellent thermal stability High stability and flexibility at low temperature Good physical properties, high tear resistance etc

Typical Property Data

Benefits	– High reactivity, low viscosity, short cure cycle – Excellent thermal stability – High stability and flexibility at low temperature
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Typical properties	Property	SL2000A	SL2000B
	Uncured compound		
	Appearance	White	Transparent
	Viscosity (25 °C, mPa·s)	110,000	3,000
	Mixing ratio	10:1	
	Pot life (25 °C, h)	15	
	Cured compound (10 min at 170 °C)		
	Specific gravity (25 °C)	1.09	
	Hardness (Shore A)	35	
	Tensile Strength (MPa)	4.9	
	Elongation (%)	550	
	Tear Strength (N/mm)	21	

Cure conditions : 10 min /170 °C in press

Notice 1) Typical property data values should not be used as specifications

Composition	– Silicone polymer – Silica
How to use	SL2000A and SL2000B should be mixed before cure. Standard amount of curing agent(SL2000B) added to the Base compound(SC5000A) is 10 : 100 parts by weight.
Features	– High temperature vulcanizing and addition curing silicone

Storage and packaging

Shelf life and storage	Use the product within 12 months from the date of manufacturing. Store in a cool and dry place out of direct sunlight. Keep out of the reach of the children.
Packaging	SL2000A : 20 kg Tin Can SL2000B : 1 kg Tin Can

Remarks

Handling	1) Curing time can be different from temperature ranges.
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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 SL2000A and SI2000B 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.</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>
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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

