



Product description	SL9440B is a two-component liquid silicone rubber for textile coating. (Mixing ratio – SL9440B : SL9300B = 100 : 0.3)
Applications	Binder for glass bead
Key performance properties	No by-products because of addition curing LSR. Good adhesion property for textile and glass beads.

Typical Property Data

Benefits	– Good workability – Good bond to glass bead					
Typical properties	Property		Test method	Unit	Press 1st cure 2)	
	Before curing	Appearance	ASTM E 1767	–	Translucent	
					Light yellow	
		Viscosity 1)	ASTM D 4287	Pa·s	80	
		Mixing ratio (by weight)	100 :0.3			
	After curing	Specific gravity(at 23℃)	ASTM D 792	–	1.08	
		Hardness	ASTM D 2240	Shore A	40	
		Tensile Strength	ASTM D 412	MPa	4	
		Elongation	ASTM D 412	%	400	
		Tear Strength	ASTM 624	N/mm	25	
		Curing speed	ASTM D 5289	sec	25	
	1) Shear Rate 10 s ⁻¹ 2) Sheet curing conditions : press cure at 170℃/10 min 3) Curing agent : SL9300B					
	Composition	– Silicone polymer – Silica				
	How to use	For making a suitable product, Mix components SL9440B and SL9300B in the ratio 100 : 0.3				
Features	– High temperature vulcanizing and addition curing LSR					

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.
Packaging	SL9440B : 20 kg Straight PE Pail SL9300B : 3 kg Straight PE Pail

Remarks

Handling	Wear eye protection and protective glove when handling this product.
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Precautions	May cause a curing difficulty with amine, sulfur, organicphosphate compound, and organicmetallic compound.
Warranty information	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.
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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

