

SOMAKOTE® IR

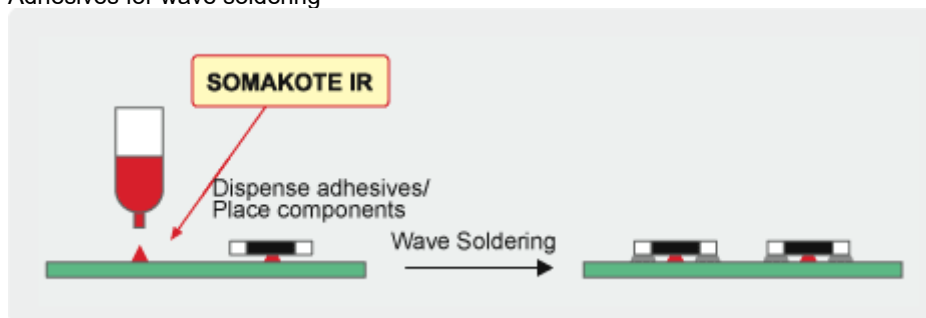
The series of SOMAKOTE® IR adhesives are heat curable SMD adhesives. Various adhesives are available, from high adhesion to low temperature cure, pressure-syringe dispensing, screen printing use, etc.

Features

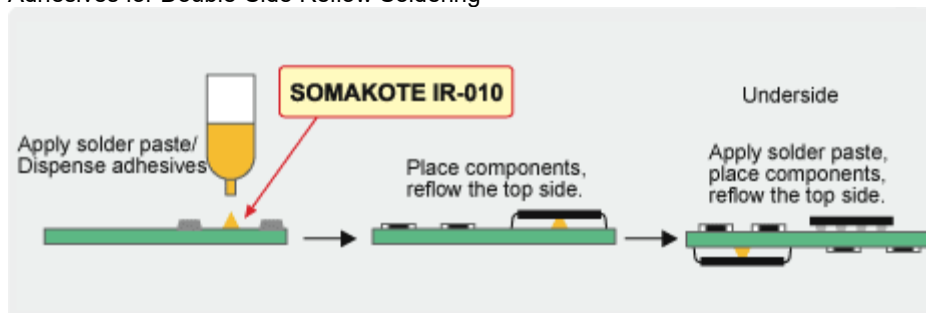
1. Excellent adhesive dispensing stability without any fluctuation per shot, or slump after dispensing and stringing.
 2. Strong adhesion to various components (particularly, IR-180 shows high adhesion).
 3. Cured adhesives have excellent electrical properties and heat resistance during soldering.
 4. One-part adhesives with good workability and excellent storage stability.
 5. Low temperature (100 to 120°C) cure adhesives for wave soldering are also available.
 6. Adhesives for double-side reflow (when solder paste is used) that do not disturb self-alignment.
- Some types are applicable to lead-free reflow soldering.

Product Line-Up and Properties

1. Adhesives for wave soldering



2. Adhesives for Double-Side Reflow Soldering



Application	Features	Product Name	Curing Conditions (Minimum Requirements) *1	Adhesion Strength(N)		Shelf Life (Months /at °C)
				2012 C	Min T	
Pressure-syringe Dispensing	Electrical Reliance	IR-100	130°C× 90sec, 140°C× 60sec, 150°C× 40sec	43	38	6/5-10 3/25
	Low Temperature Cure	IR-130	115°C× 60sec	51	59	
	High Adhesion	IR-180	130°C ×90sec, 140°C× 60sec, 150°C ×40sec	58	63	
Screen-printing	Electrical Reliability	IR-200	130°C× 90sec, 140°C× 60sec, 150°C× 40sec	43	38	12/5-10 6/25
	Stable Dot Profile	IR-200HI		43	38	
Pressure-syringe Dispensing	For Double-sided Reflow (with Solder Paste)	IR-010	Curable at reflow soldering conditions	55	57	6/5-10 3/25

*1: At this condition, the adhesion strength to 2012 rectangular capacitors gets over 14.7N.

All numbers are representative values.

For more information regarding this and other products, please contact us directly.



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