

# A-9201

Electrical Conductive Pressure Sensitive Adhesive

**Characteristics:**

A-9201 is designed as an Electrical conductive Pressure Sensitive Adhesive for general applications. It is electrical conductive adhesive provides high peel strength between conductive plastic covers and ground traces on PCB. It is a single component, heat curable Silicone system, optimized for Screen or Transfer Printing processes.

**Features:**

- High peel strength provides good adhesion with PCB
- Low Through Resistance provides good grounding performance
- Very elastic property, low compression force, easy for installation

**Applications:**

- Mobile Devices
- Telecommunication Devices

**Curing Mechanism:**

- 80°C x 30 min.

**Precaution:**

- Settling would occur in ambient storage, stir well before use

**Typical Properties:**

Properties	Unite	A-9201
Binder		Silicone
Conductive Filler		Ag/Cu
<b>Physical Properties</b>		
Nominal Thickness	Mils (mm)	2 ~3 (0.05~0.08)
Initial Peel	oz/in (N/m)	35 (380)
Heat Aging with Humidity, Peel	95% RH/185°F (85°C), oz/in (N/m)	45 (490)
High Temperature/High Humidity	85°C/85%RH/96hrs.	Passed
Temperature Cycling	85°C~40°C, .50cycles,30min/cycle	Passed
Temperature Range	°C	- 40 ~ + 200
Maximum Using Temperature	°C	200
<b>Electrical Properties</b>		
Initial Surface Resistivity, SR	Milliohms	3
Initial Through Resistivity, TR	Milliohms	4
Heat Aging with Humidity, Surface Resistivity, SR	95%RH/185°F(85°C), milliohms	5
Heat Aging with Humidity, Through Resistivity, TR	95%RH/185°F(85°C), milliohms	6

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