



TG-ASD35AB

Thermally Conductive Gel

REACH Compliant

RoHS Compliant

UL Comparable

Features

- Good thermal conductivity
- Thermal gel gun friendly & easy assembly
- A:B=1:1
- Cures at room temperature or with heat

Operation Manual

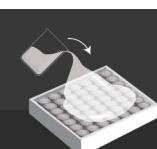
Pot



① Mix component A and B.



② Vacuum out air.



③ Pour potting compound.

Tube



① Push the latch and insert the stick.



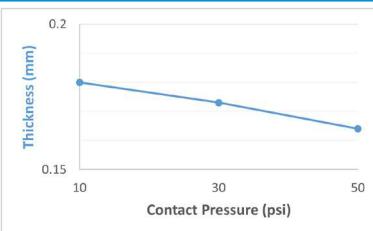
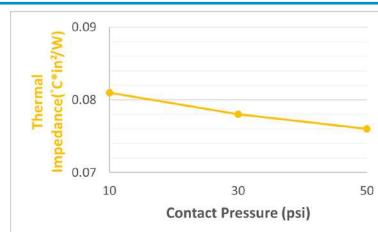
② Put the tube in.



③ Close the cover.

Properties

Curing Contact Pressure, Thermal Impedance, and Thickness



Properties	Unit	TG-ASD35AB	Tolerance	Test Method
Thermal Conductivity	W/m·K	3.5	±0.5	ISO 22007-2
Color	-	A:Pink / B:White	-	ASTM D2244
Dielectric Breakdown Voltage	kV/mm	7	±3	ASTM D149
Volume Resistivity	Ohm·m	10 ¹⁴	10 ¹³ ~10 ¹⁵	ASTMD257
Density	g/cm ³	3	±0.15	ASTM D792
Operating Temperature	°C	-50~+150	-	-
Weight Loss	%	<1	-	By T-Global
Viscosity @1.0rpm	Pa·s	A:250 / B:250	±100	ASTM D7395 ASTM D4287
Elongation	%	>100	-	ASTM D412
Tensile Strength @T3.0mm	kgf/cm ²	10	-	ASTM D412
Curing Time @25°C	Min	120~240	-	-
Curing Time @50°C	Min	20~40	-	-
Curing Time @80°C	Min	15~20	-	-
Standard Package	-	Pot / Tube	-	-
Mixing Ratio	-	1:1	-	-
Hardness	Shore OO	40	±10	ASTM D2240

► Component A & Component B are mixed material. It is normal to cause precipitation and stratification due to different density. Well mixed component A before use by a flat spatula or other stainless tools to achieve the ideal thermal conductivity.

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