

λGEL[®]
◆ Lambda GEL ◆
DP 100

Thermally Conductive GEL Very Soft and Pasty

**Eliminate air gaps and thinly coatable
for effective thermal radiation.**

GELTEC
www.geltec.co.jp

λGEL® DP-100 Thermal Conductive GEL

◆ Lambda GEL ◆

【Features】

- ◆ Thermal conductive GEL, very soft and pasty.
- ◆ No dripping or vaporizing as grease or compound occurs.
- ◆ Air gap is removable as DP-100 injected from syringe fills narrow and small gaps around heating component.
- ◆ Thinly coatable on surface. Thus thermal conductivity becomes very low.
- ◆ Applicable for use on electronic component.

【Physical Characteristics】

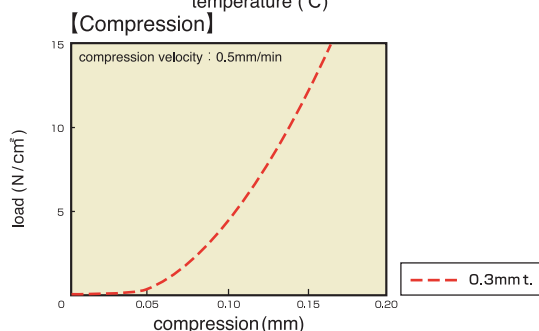
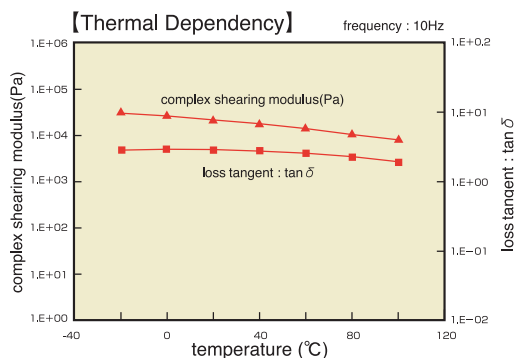
Item(Unit)	DP-100	Remarks
Thermal Conductivity (W/m·K)	6.5	measured by Geltec
Appearance	gray	
Specific Gravity	2.8	
Hardness (Needle Penetration*1/10mm)	60	JIS K 2230 (1/4corn)
Disruptive Voltage (kV/mm)	7.8	JIS C 2101
Temperature Range in use (°C)	-40~200	

【Standard Specification】

syringe	30cc / 84 g
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* Consult with Geltec for custom containers

【Technical Data】

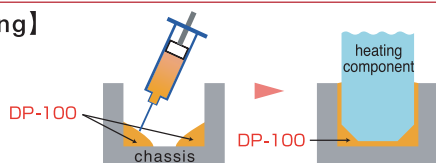


【Thermal Resistance】 transistor : TO-3 type heat input : 20W/6.14cm²

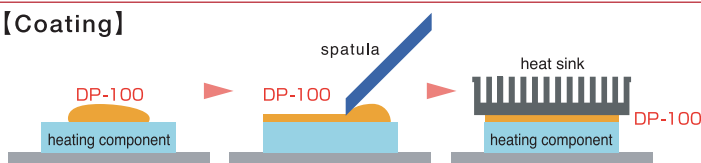
Thickness (mm)	thermal resistance (°C/W)
0.30	0.02
0.18	0.01

【How to use】

【Filling】



【Coating】



【Application : Thermal Radiation】

- Gap around heating semi-conductor
- Heating IC chip or Read Frame
- Heating component where sheet is hardly attached
- Narrow space where thermal conductive materials are too big to gap



【Cautions】

- ◆ For ensuring application, customer's preliminary test suggested before use.
- ◆ GELTEC silicone products developed exclusively for general industrial use. NEVER apply for medical implant use.
- ◆ Data or values above are not guaranteed. Subject to change without prior notice



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ISO 9001 qualified (LRQA 961790)
ISO 14001 qualified (LRQA 772690)

DP-E/02/07