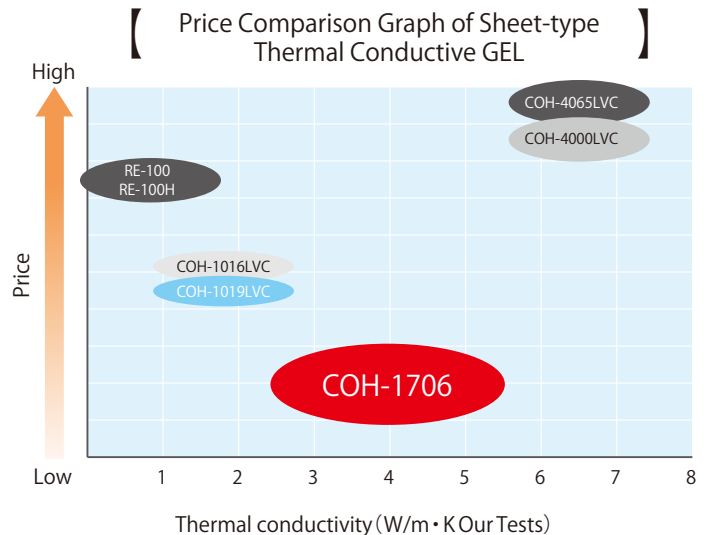


COH-1706

Features

- High thermal conductivity
- Softness relieves mechanical stress
- Good handling makes easy apply to heating elements
- Wide operating temperature range

Characteristic item		COH-1706	COH-1016LVC
Thermal conductivity (W/m·K)	Our tests	3.8	1.9
	Hot Wire Method	1.7	1.2
Hardness (Asker C)		27	60
Appearance		Gray	White
Tensile strength (MPa)		0.24	0.21
Volume resistivity (Ω·cm)		4.8×10^{12}	6.1×10^{13}
Dielectric breakdown strength (kV/mm)		18.6	18.8
Elongation (%)		75	205
Compression set (%)		84	15
Flame retardance (UL94)		V-0 (Equivalent)	V-0 (Equivalent)
Temperature range (°C)		-40~150	-40~150



Applications

- LED, Backlight module
- Engine control unit for hybrid vehicle
- Battery for electric vehicle
- CPU



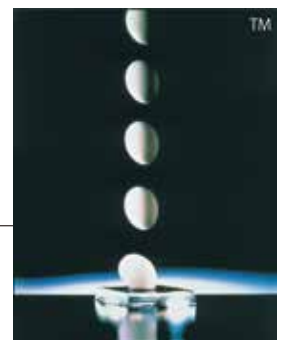
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 - The users shall be aware of the fact that silicone oil could bleed from silicone-gel. It is therefore that any user should be responsible for conducting reliability test in advance before delivering the products in the market.
 - The silicone-gel contains low molecular siloxane, which could be volatile.
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