

A cylindrical satellite component, likely a payload container, is shown in space. The upper portion is wrapped in gold-colored thermal insulation. The lower portion is silver and features several rectangular solar panels. The Earth's blue and white atmosphere is visible in the background.

KANEKA CORPORATION

KANEKA

The Dreamology Company

— Make your dreams come true —

HISTORY

History of Kaneka Multi Layer Insulation and graphite sheet (outline)

1949 Established Kaneka Corporation.

1974 Established Tochigi Kaneka Corporation.

1978 Started first production of Multi Layer Insulation in Tochigi Kaneka.

1984 Developed and marketed polyimide film, Apical™.

2008 Developed advanced high thermal conductive graphite sheet, Graphinity™.

BUSINESS

E & I Technology Solutions Vehicle of Kaneka Corporation develops and manufactures films, electronic parts, and others that are used for IT and electronic products. Our products offer added value to our customers, such as multi-functionality, miniaturization, and customization to customers' product design, by combining our original high polymer technologies with different kinds of technologies.

PRODUCT



- Super Insulation(SI) Film (Multi Layer Insulation Film)
- Thermally insulation film to avoid radiation heat from the sun.
 - Integrated production from raw material polyimide film in KANEKA



- Graphite Sheet Thermal Strap
- High heat transfer ability by multi layered Graphite Sheet (GS)
 - Light weight (Density 1.8 g/cm^3)
 - one-fifth of copper, two-thirds of aluminum
 - Flexible, bendable
 - Low Outgas to fit for Space application

HQ Location	Tokyo Head Office 1-12-32, Akasaka, Minato-ku, Tokyo 107-6028, Japan
Overseas Office	United States, Belgium, India, China, South Korea etc.
Year of Establishment	1949
Main Products	Polyimide film, Graphite sheet etc. (Products of E & I Technology Solutions Vehicle)
Main Client	JAXA, Domestic and overseas satellite manufacturers (Client for Aerospace)
Company Website	https://www.kaneka.co.jp/en/
Contact Form	https://www.kaneka.co.jp/en/contact/index.html
Point of Contact	thermone@kaneka.co.jp
Category	Component