Kevothermal™
Vacuum Insulation Panels
Vacuum Insulation Panels (VIP) are comprised of a low density core material encapsulated in a low conductivity protective barrier film from which the air has been evacuated. The result is a much higher thermal performance to ensure products remain safe throughout prolonged journeys.

**Thermal Performance**
VIPs have an unmatched thermal performance with an R Value of 40.0, ensuring the payload in the shipper remains in the right temperature range over a longer duration, up to 120 hours. VIP can operate anywhere between -80°C up to 60°C providing a solution for a wide array of requirements. Unmatched thermal performance reduces refrigerant usage and decreases package dimensional weight.

**Product Lifetime**
VIP shippers can be designed as single use or with multiple shipments in mind and provide consistent performance over a long period. Shippers have an expected lifetime of 5 years and can be constructed with a range of barrier film choices for different applications.

**Sustainability**
Its ultra thin construction means the product is cube optimized to optimize footprint, can be put into industrial recycling, and is reusable. Materials are environmentally neutral, industrial recyclable and CFC- and HFC-free.

Compared to similar insulation material VIP has superior performance at minimum size.