

# Sealed Air®

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BRAND TEMPERATURE ASSURANCE SOLUTIONS

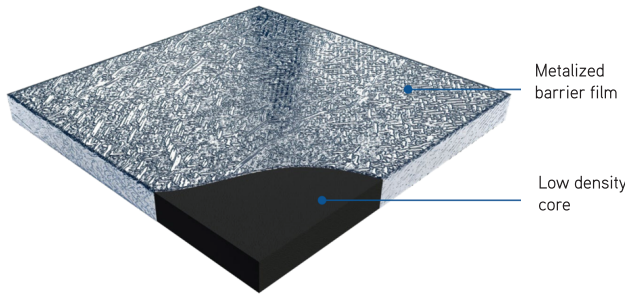
### Kevothermal™

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

VIP's 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.



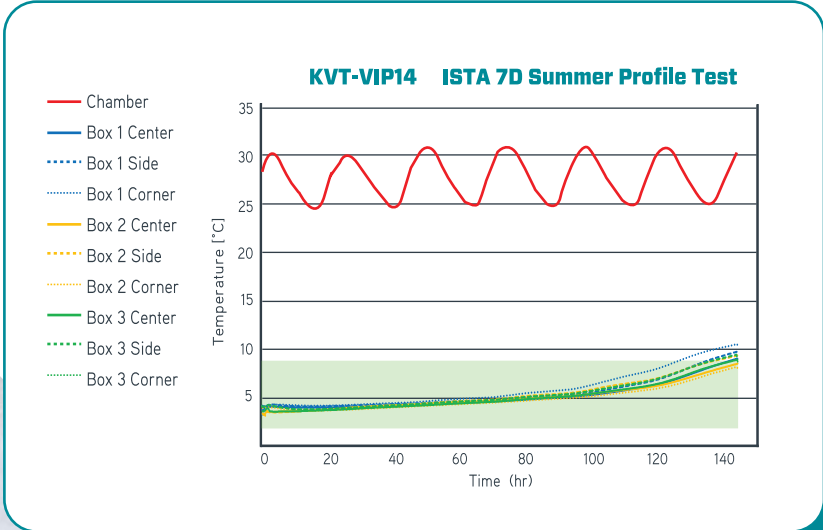
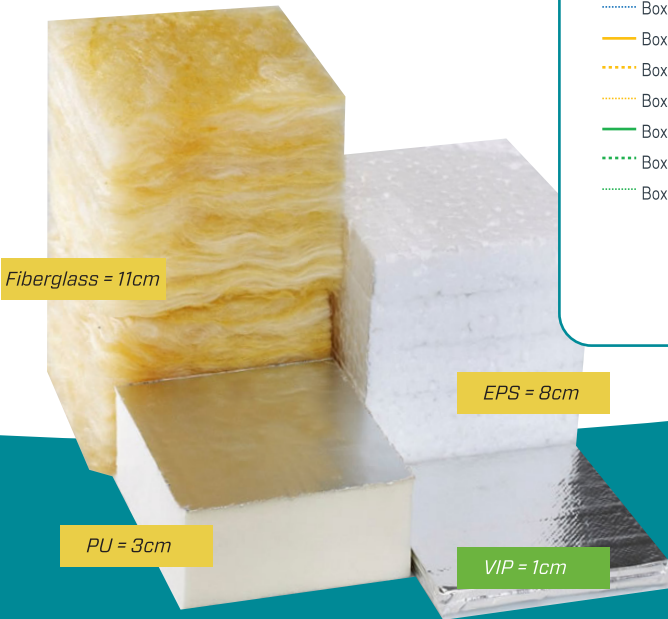
### Product Lifetime

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.