

Vacuum Insulation Panels (VIPs):

The future of insulation

Save space

Vacuum Insulation Panels →

reduce Insulation thickness ←

by a factor of **5-10** times

Save Energy

Vacuum Insulation Panels

insulate **10x** more efficiently

than conventional materials

Supercharging sustainability in:

Technics and industry



Buildings



Cold chain



Appliances



Healthcare logistics

Insulating material comparison:
for a U-value of 0.35 W/(m²K)

200mm mineral wool

100mm expanded polystyrol

60mm polyurethane

20mm VIP

VIPS ARE MADE OF TWO MAJOR ELEMENTS:

1

A rigid, highly-porous core material (such as fumed silica or glass fibres)

2

A thin, gas-tight outer envelope (made from material like aluminium, stainless steel, or glass) encapsulating the core

THE INTERACTION OF A POROUS CORE SEALED INSIDE A VACUUM RESULTS IN:

- ✓ Extremely high thermal resistance
- ✓ A very thin and compact package
- ✓ Long-term stability when the envelope is protected from damage
- ✓ All this, and they're recyclable too!



#VIPA4Climate



The Vacuum Insulation Panel Association is a global trade association representing the interests of companies in the VIP sector.

OUR MEMBERS:



1

Take advantage of networking opportunities worldwide



2

Benefit from the latest knowledge sharing



3

Are informed about important policy and new developments



4

Can help influence policymakers at a global scale

Discover all the benefits: Reach out today!



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