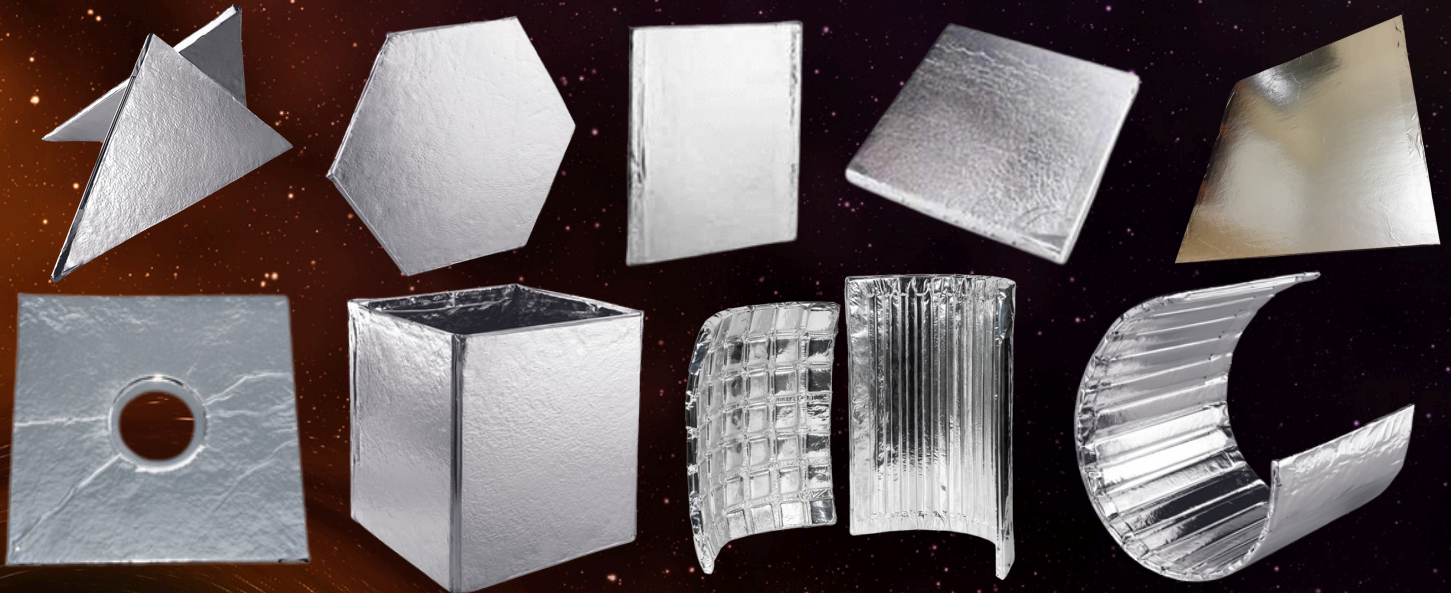




**Product Catalogue**

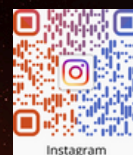
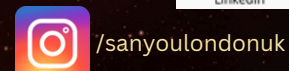
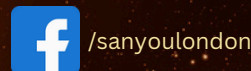
**VACUUM INSULATION PANEL (VIP) FLEXIBLE DESIGNS**



**PATENT & COPYRIGHT PROTECTED**

Reshape Your Project with our World-Class VIP offering Flexible Designs for High-Performance Vacuum Insulation, Energy Savings, Noise Reduction, and Fire Safety Ideal for Energy-Efficient Construction in Diverse Climates

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 09:00 am - 05:00 pm  
 Saturday - Sunday - Closed

**Head Office**  
 Level 18, 40 Bank Street, Canary Wharf, London, UK, E14 5NR

Sanyou London Pvt Ltd t/a Sanyou London. Registered office: Level 18, 40 bank Street, Canary Wharf, London, E14 5NR.

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## ABOUT SANYOU LONDON

Sanyou London Pvt Ltd, located in the heart of Central London-Canary Wharf, where our mission is to shape a sustainable net zero energy future with our innovative Vacuum Insulation Energy Technologies that empower individuals, homeowners, building contractors, construction projects, organizations, institutions and educators to save their energy consumption realistically. It is established in successful partnership with the world's esteemed manufacturer and leader in vacuum insulation technologies, Jiangsu Sanyou Dior Energy-Saving New Materials Co., Ltd. Together, we celebrate the UK-China collaboration, uniting in research and innovation to bring superior vacuum insulation energy-efficient technologies to the world. It consists of three departments, as briefly described below.

### Department of Industrial R&D in Vacuum Insulation Energy Technologies.

This department houses a mass manufacturing facility with advanced vacuum insulation panel machines and one of the largest evacuation chambers, boasting an annual output of 2.5 million square meters. This facility ensures top-quality standards through rigorous measurement and validation of thermal conductivity and patented technique of internal vacuum pressure. It also includes a specialized research lab equipped with cutting-edge tools and ISO-standard instruments for studying electrical and thermal performance, alongside a unique real-time performance houses facility for in-depth analysis of energy, thermal, and sound insulation in various climates. With patented products and ISO 9001 certification, Sanyou London is dedicated to advancing vacuum insulation technologies through global partnerships, aiming to promote sustainable building practices and achieve net-zero energy buildings.

### Department of Products and Sales

This department is known for advancing innovative ideas from Technology Readiness Level (TRL) 1 to TRL 9 and mass-producing them through applied industrial research, delivering tangible products that benefit both people and the environment. Our current product portfolio includes four key categories: (1) Vacuum Insulated Wallpaper (VIW), (2) MCM and Metal Type Decorative Integrated Vacuum Insulation Panels, (3) Flexible Design Vacuum Insulation Panels (VIP), and (4) Vacuum Insulated Bag-or-Box (VIBB), featuring items like Medical and Deep Cold Boxes, Rolling Cart Covers, and Fresh Bags. At Sanyou, we have patented our innovations with ongoing R&D teamwork. We are expanding and set to launch new vacuum-insulated products, developed from TRL1 to TRL9, that promise to enhance energy savings. Stay informed on our new product releases at <https://sanyoulondon.com>.

### Department of Knowledge Exchange and Impact

This department is dedicated to encouraging knowledge exchange among a diverse community, including individuals, homeowners, building contractors, construction projects, organizations, institutions and educators through vacuum insulation energy technologies. We aim to tackle global challenges such as rising energy costs, inadequate building insulation, and the need for advanced thermal insulation and management across various sectors such as houses, building construction, electric vehicles, transportation, refrigeration systems, electronics, automation, and medical, pharmaceutical, agricultural, and food logistics and storage. Our focus also extends to educational institutions worldwide, where students and apprentices can benefit significantly from implementing and learning about these advanced vacuum insulation energy technologies. By championing innovation and creating collaborative ecosystems, we ensure broad access to our vacuum insulation technologies, thus enhancing sustainability and contributing to climate change mitigation. Our efforts go beyond innovation; we actively engage in research, dialogue, and creative problem-solving to implement effective solutions. This department serves as a connection for sustainability, innovation, and community to transform energy challenges into solutions, thereby making a significant impact on our planet and improving lives worldwide.

## BUILDING A SUSTAINABLE FUTURE—INNOVATION FOR A NET-ZERO WORLD

At Sanyou London Pvt Ltd, we are committed to turning the vision of a sustainable, net-zero energy future into reality. Our ambition is to make energy-saving products affordable, significantly reducing energy consumption and carbon emissions. We are dedicated to driving industry innovation and infrastructure, with a strong focus on building sustainable cities and communities. Our vacuum insulation technologies directly address energy efficiency and climate change, and we believe that real progress is made through partnerships that share our goal of creating a better, more sustainable world for all.

## A MESSAGE TO GLOBAL COMMUNITIES AND FUTURE CUSTOMERS

Hello, I wanted to write this message as if we were having a conversation. Product catalogues rarely include personal messages, but I believe it's time to change this traditional approach to marketing.

Climate change, sustainability, carbon footprints, global warming, and energy efficiency are terms we've all heard repeatedly in academic discussions. Yet, these ideas often remain confined to research papers or feasibility studies, with limited tangible impact on society. That's why, together with my team and collaborative partners, we set out on a mission to bridge this gap—transforming decades of knowledge and experience into practical, innovative solutions. Our goal is to create real energy saving products that make a measurable difference in reducing energy consumption for communities around the world.

But, of course, we always start with problems—the cause, the reason, the purpose—that are available for us to solve. To begin with, why do we need Vacuum Insulation Panel (VIP) and what do we mean by Flexible Designs when we already have plenty of insulation solutions in the world?

VIP is rated in terms of its thermal conductivity; our VIP has one of the lowest thermal conductivities compared to conventional insulation materials. This means we minimise heat loss or cooling loss wherever we use them as a barrier. One of the standout features of our VIPs is their flexible designs and various shapes, including options with holes. This flexibility allows them to fit into even the trickiest spaces, helping you achieve insulation wherever you need it!

The applications of our flexible VIPs are numerous, including the following examples:

In the building construction and retrofitting sectors, they're perfect for cavity wall insulation, internal and external wall insulation, and loft or roof insulation. While VIPs are sensitive and require protective layers, their benefits far outweigh any limitations. However, on the off chance that thermoplastic polymers such as EPS, XPS, and Polyurethane catch fire, they are flammable and combustible. VIPs, on the other hand, are not flammable and combustible, with the fire rating of A. Imagine beautiful buildings across the UAE, Saudi Arabia, the UK, China, Europe, and beyond, enhanced with our VIPs for better insulation. By choosing our technology, you're taking a significant step toward saving on electricity bills, boosting the energy efficiency of your buildings while advancing sustainable development goals.

In the world of electric vehicles, flexible VIPs can provide internal insulation that maintains comfortable cabin temperatures while reducing energy demands on heating and cooling systems. They also play a crucial role in thermal management for battery compartments, ensuring optimal performance and longevity.

In the transportation industry, our flexible VIPs can enhance thermal insulation in large trucks and caravans, leading to reduced fuel consumption and lower carbon emissions. They can also be utilized in cargo containers, maintaining desired temperatures for perishable goods while cutting energy costs.

In refrigeration, our flexible VIPs significantly improve energy efficiency by providing superior insulation. By minimizing heat transfer through refrigerator walls, they lighten the compressor's workload, resulting in energy savings and increased storage space.

Finally, in the realm of electronics and automation, where high computing power is essential in the age of AI, flexible VIPs assist in managing heat dissipation. This ensures optimal operating temperatures for electronic components, enhances system performance, and reduces operational costs.

I hope you will appreciate the journey of bringing these innovations to our global communities—an important step forward in improving energy efficiency and moving toward a net zero energy future.

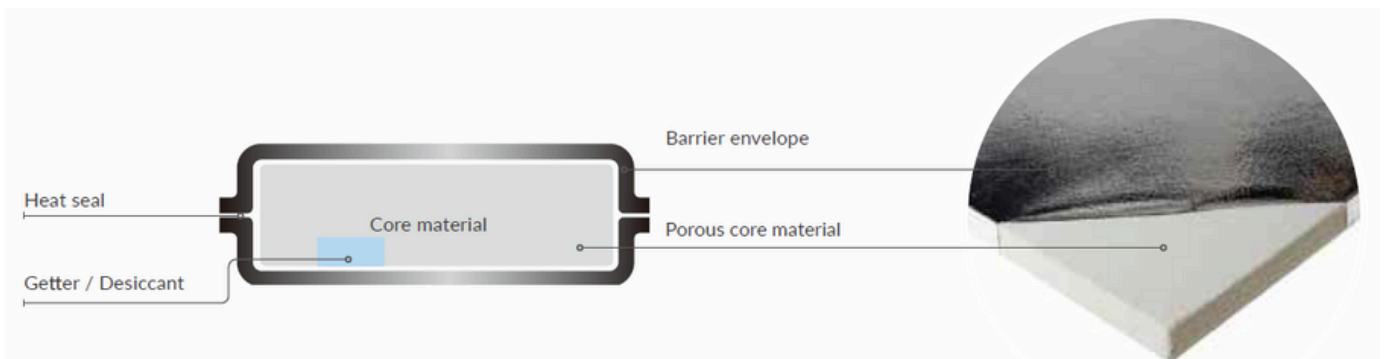
With best wishes,  
Prof. Dr. Saim Memon

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## GENERAL PRODUCT DESCRIPTION

- Vacuum insulation panels (VIPs) play a crucial role in a range of applications, as detailed below, but primarily applied within the buildings and construction sectors that significantly enhance thermal insulation performance compared to traditional insulation materials. These panels consist of a core material (either super-fine fiberglass with getter/desiccant or microporous fumed silica) enclosed in a gas-tight envelope, creating a vacuum pressure of  $\leq 1$  Pa that greatly reduces heat transfer through conduction and convection. The importance of VIPs in the construction industry lies in their ability to improve energy efficiency, reduce carbon emissions, and enhance comfort within buildings.
- In cold-arid regions, where heating is a primary concern, VIPs help minimize heat loss by providing superior insulation. Traditional insulation materials like XPS, EPS, mineral wool or polyurethane may be thicker and less efficient, requiring more space and materials to achieve the same level of insulation. VIPs, on the other hand, boast extremely low thermal conductivity, with 15 mm thick fiberglass VIPs having a thermal conductivity of  $\leq 2.5$  mW/(mK) and 25 mm thick fumed silica VIPs having a thermal conductivity of  $\leq 4.5$  mW/(mK), allowing for thinner insulation layers while maintaining high insulation performance. This saves space in construction and reduces the overall energy consumption needed to keep buildings warm. By minimizing heat loss, VIPs contribute to lower energy demand, thereby reducing carbon emissions associated with heating systems powered by fossil fuels.
- Similarly, in hot-arid regions where cooling is a significant energy demand, VIPs help to minimize cooling loss by preventing the transfer of heat from outside to the interior of buildings. Air conditioning systems often work overtime in hot climates to maintain comfortable indoor temperatures, leading to high energy consumption and increased carbon emissions. By incorporating VIPs into building envelopes, the need for cooling is reduced as the panels effectively block heat transfer, keeping interiors cooler for longer periods. This results in lower energy consumption for cooling, thereby mitigating carbon emissions associated with the operation of air conditioning systems powered by fossil fuels.
- Hence, the use of vacuum insulation panels in building construction offers a sustainable solution for minimizing carbon emissions caused by heat loss in cold-arid regions and cooling loss in hot-arid regions. By improving energy efficiency and reducing the reliance on heating and cooling systems, VIPs contribute to a more environmentally friendly built environment while also enhancing comfort and reducing operating costs for building occupants.



### Outer Barrier

The lifetime and performance of VIPs depends on the quality of outer barrier or envelope material.

### Inner Core Material

Sanyou has different core insulating materials, one is super fine fiberglass panel (fiberglass diameter around 2~4 $\mu$ m), the other one is a microporous fumed silica board.

The core has the small contact face and low thermal conductance, which also can support the panel walls to prevent VIPs surface retracted or hollow under vacuum.

### Getter / Desiccant

The getter is often inserted to core material to absorb gases and moisture that released by the core material and slowly penetrated through the barrier during VIPs application, thereby to keep vacuum conditions and high vacuum level inside VIPs.

\* Note: No getter in the fumed silica board VIP

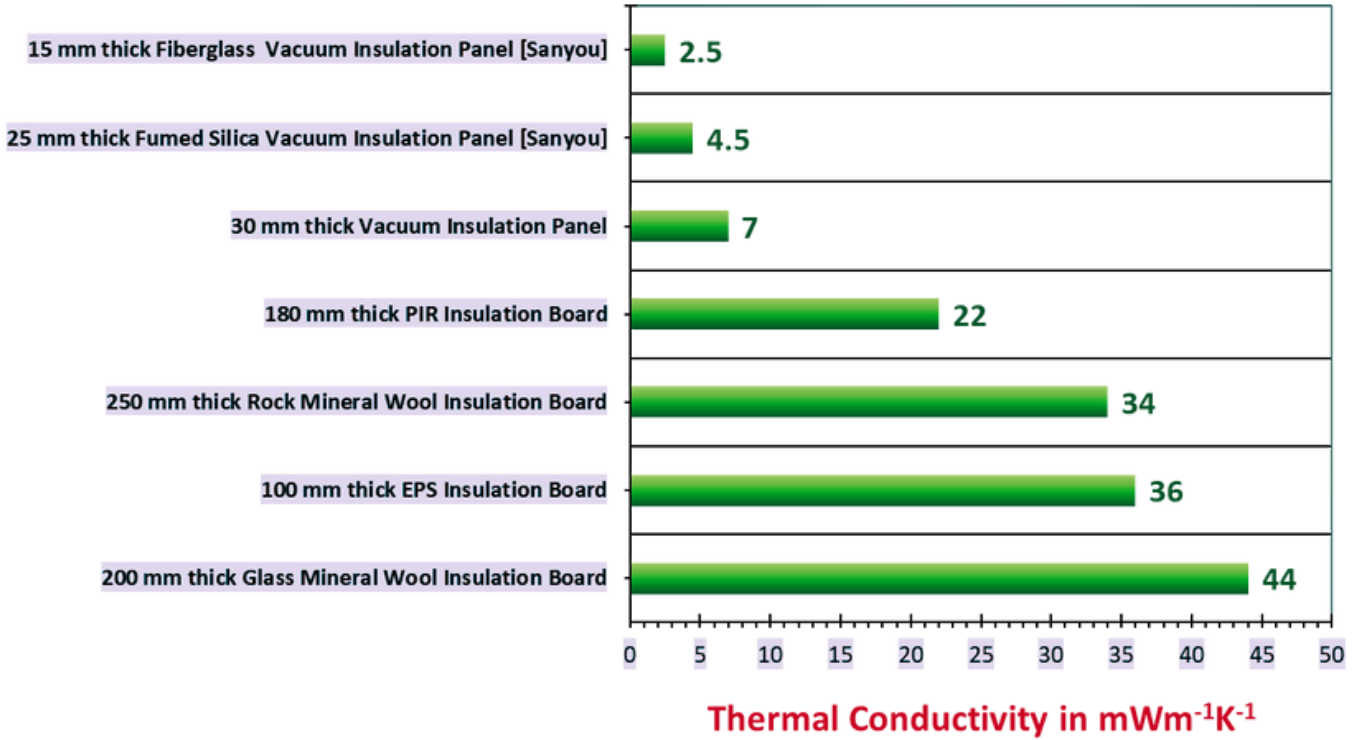
## KEY CHARACTERISTICS

- **Thermal Conductivity:** VIPs exhibit extremely low thermal conductivity, with values typically below 2.5 mW/(mK) for materials like fiberglass and below 4.5 mW/(mK) for materials like fumed silica.
- **Fire Rating:** VIPs are typically non-combustible and have high fire rating of A, ensuring enhanced fire safety in construction applications.
- **High Insulation Performance with Less Weight:** Vacuum insulation panels (VIPs) offer superior insulation performance while being lightweight. By effectively obstructing heat conduction and convection radiation, VIPs minimize heat transfer through building envelopes, refrigeration units, and other applications. Their high insulation efficiency allows for thinner insulation layers compared to traditional materials, resulting in space-saving advantages without compromising performance.
- **Reduced Energy Consumption and Carbon Emissions:** VIPs contribute to reducing energy consumption and carbon emissions across various applications such as refrigerators, cold chain transportation, and construction. Their exceptional thermal insulation properties help minimize the need for heating and cooling, leading to decreased energy usage and environmental impact. Additionally, the space-saving advantages of VIPs optimize internal space utilization, enhancing overall efficiency.
- **Comparative Analysis of Insulating Materials:** Fiberglass, mineral wool, expanded polystyrene (EPS), polyurethane, and VIPs are compared based on their insulation thickness requirements. VIPs typically outperform traditional insulation materials in terms of thermal conductivity, allowing for thinner insulation layers while achieving the same or better insulation performance. This comparison highlights the superior efficiency and space-saving benefits of VIPs.
- **Fiberglass VIP vs. Fumed Silica VIP:** A comparison is made between fiberglass VIPs and fumed silica VIPs, two types of VIPs with different core materials. Both types offer exceptional thermal insulation performance, but they may vary in terms of specific properties such as thermal conductivity, weight, and cost. Evaluating the characteristics and benefits of each type allows for informed decisions regarding their suitability for different applications and insulation needs.
- **Cost-effectiveness:** While VIPs may have higher upfront costs compared to traditional insulation materials, their long-term energy savings and environmental benefits often outweigh the initial investment, making them cost-effective solutions in the construction industry.



**INDICATIVE COMPARISON** (Lower the Thermal Conductivity, Better the Insulation)

Types of Insulation Technologies



**VACUUM INSULATION PANEL (VIP) FLEXIBLE DESIGNS**



## SPECIFICATIONS

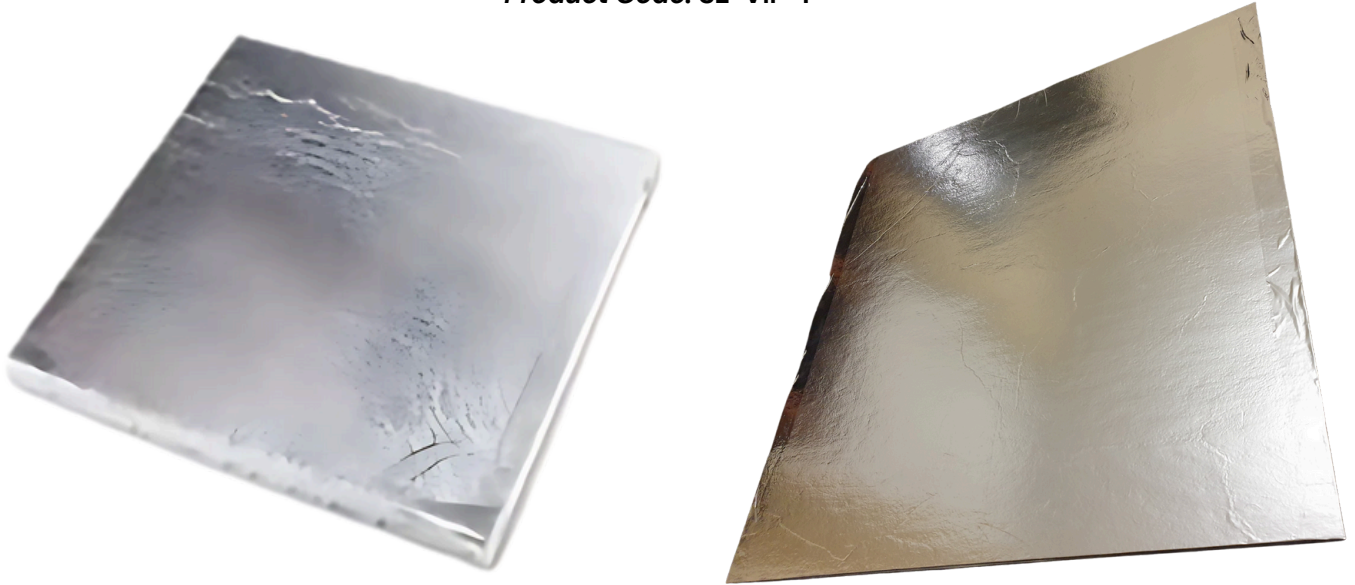
|   |   |  |
|---|---|--|
| <b>Colour</b>                                     | Silver  |  |
| <b>Geometry</b>                                   | Rectangular and shapes, geometries, and sizes                                   |  |
| <b>Operating Temperature</b>                      | -40°C~+100°C  |  |
| <b>Density</b>                                    | Fiberglass VIP  | 250~280 kg/m <sup>3</sup>  |
|   | Fumed Silica VIP  | 200~230 kg/m <sup>3</sup>  |
| <b>Thermal Conductivity</b>                       | Fiberglass VIP<br>[15 mm thick at mean temperature of 25°C]                     | ≤ 0.0025 W/(m·k)   |
|   | Fumed Silica VIP<br>[25 mm thick at mean temperature of 25°C]                   | ≤ 0.0045 W/(m·k)   |
| <b>Thermal Resistance</b>                         | Fiberglass VIP<br>[15 mm thick at mean temperature of 25°C]                     | ≥ 6 m <sup>2</sup> ·K/W  |
|   | Fumed Silica VIP<br>[25 mm thick at mean temperature of 25°C]                   | ≥ 5.56 m <sup>2</sup> ·K/W   |
| <b>Vacuum Pressure</b>                            | Internal Pressure   | ≤ 1 Pa   |
| <b>Getter / Desiccant</b>                         | Fiberglass VIP  | Yes  |
|   | Fumed Silica VIP  | No   |
| <b>Maximum Dimensions<br/>[Length x Width]</b>    | Fiberglass VIP  | 2000 mm x 1800 mm  |
|   | Fumed Silica VIP  | 1000 mm x 500 mm   |
| <b>Minimum Dimensions<br/>[Length x Width]</b>    | Fiberglass VIP  | 250 mm x 250 mm  |
|   | Fumed Silica VIP  | 250 mm x 250 mm  |
| <b>Available Thicknesses</b>                      | Fiberglass VIP  | 3 mm ~ 30 mm   |
|   | Fumed Silica VIP  | 5 mm ~ 40 mm   |
| <b>Manufacture Tolerances<br/>Size Tolerances</b> | 250 mm ~ 500 mm<br>501 mm ~ 1000 mm<br>1001 mm ~ 2000 mm<br>Thickness tolerance | -4 mm ~ +2 mm<br>-5 mm ~ +2 mm<br>-6 mm ~ +3 mm<br>-1.5 mm ~ +1.5 mm |

## FLEXIBLE VIP PRODUCT DESIGNS

- **Versatility in Shape, Geometry, and Size:** Flexible VIPs can be tailored to fit various shapes, geometries, and sizes, making them suitable for diverse applications. This flexibility allows for seamless integration into different structures, systems, and components, enhancing their functionality and efficiency.

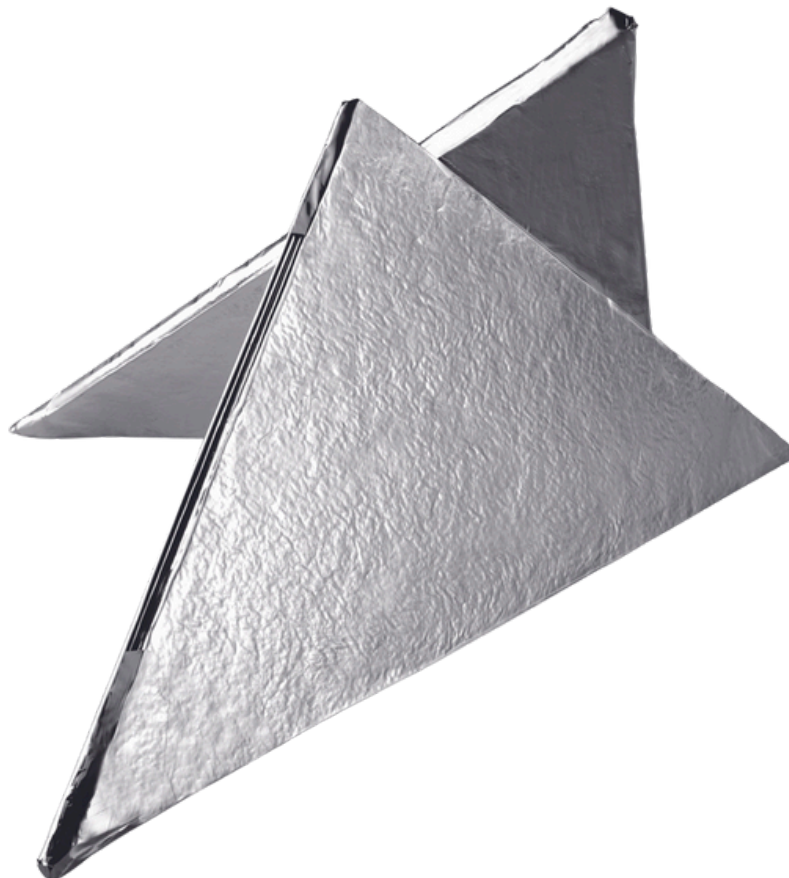
### FLEXIBLE DESIGN: SQUARE

*Product Code: SL-VIP-1*



### FLEXIBLE DESIGN: TRIANGULAR

*Product Code: SL-VIP-2*





**FLEXIBLE VIP PRODUCT DESIGNS** (Continue)

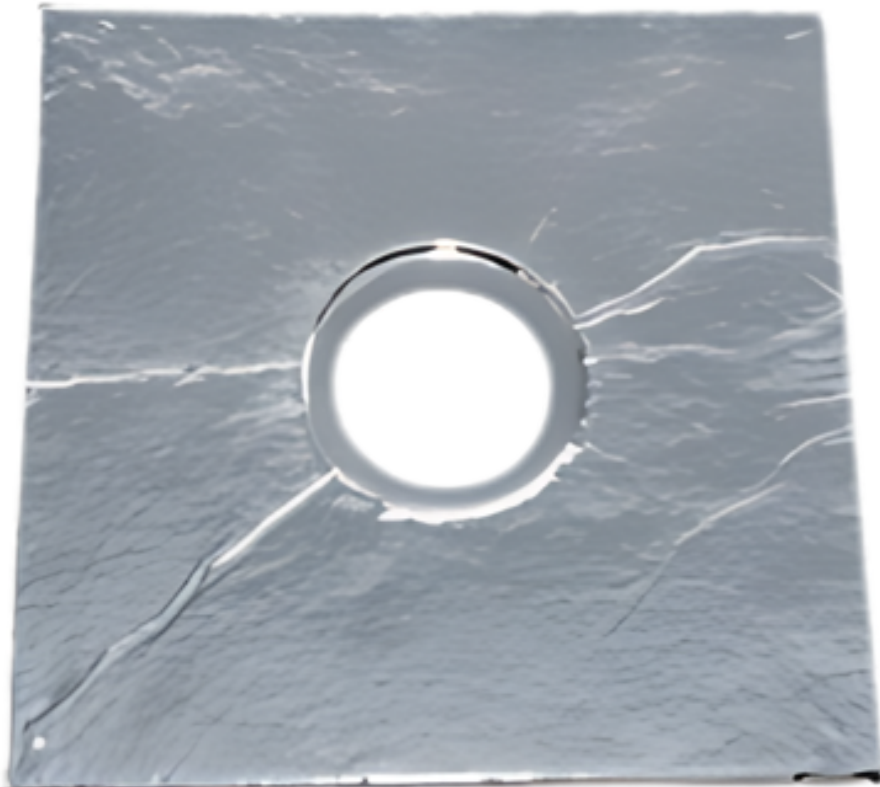
- **Versatility in Shape, Geometry, and Size:** Flexible VIPs can be tailored to fit various shapes, geometries, and sizes, making them suitable for diverse applications. This flexibility allows for seamless integration into different structures, systems, and components, enhancing their functionality and efficiency.

**FLEXIBLE DESIGN: HEXAGONAL**

*Product Code: SL-VIP-3*

**FLEXIBLE DESIGN: HOLE IN VIP**

*Product Code: SL-VIP-4*



**FLEXIBLE VIP PRODUCT DESIGNS** (Continue)

- **Versatility in Shape, Geometry, and Size:** Flexible VIPs can be tailored to fit various shapes, geometries, and sizes, making them suitable for diverse applications. This flexibility allows for seamless integration into different structures, systems, and components, enhancing their functionality and efficiency.

**FLEXIBLE DESIGN: SEMICIRCULAR**

*Product Code: SL-VIP-5*

**FLEXIBLE DESIGN: VARIOUS SHAPES**

*Product Code: SL-VIP-6*



**FLEXIBLE VIP PRODUCT DESIGNS** (Continue)

- **Versatility in Shape, Geometry, and Size:** Flexible VIPs can be tailored to fit various shapes, geometries, and sizes, making them suitable for diverse applications. This flexibility allows for seamless integration into different structures, systems, and components, enhancing their functionality and efficiency.

**FLEXIBLE DESIGN: CUBIC**

*Product Code: SL-VIP-7*

**FLEXIBLE DESIGN: RECTANGULAR**

*Product Code: SL-VIP-8*



## APPLICATIONS

### Electric Vehicles (EVs) Applications

- **Internal Insulation:** Flexible VIPs can be used for internal insulation in electric vehicles, providing efficient thermal insulation to maintain comfortable cabin temperatures while reducing the energy demand on heating and cooling systems.
- **Battery Compartment Thermal Management:** Flexible VIPs can also be employed for thermal management in the battery compartment of EVs, ensuring optimal operating temperatures for battery performance and longevity.

### Transportation Industry Applications

- **Large Trucks and Vehicles:** Flexible VIPs can be installed in large trucks and vehicles to enhance thermal insulation and energy efficiency, reducing fuel consumption and greenhouse gas emissions.
- **Cargo Containers:** Flexible VIPs can be utilized in cargo containers to maintain desired temperatures during transportation, preserving the quality of perishable goods and reducing energy consumption.

### Construction Sector Applications

- **Building Envelopes:** Flexible VIPs can be integrated into building envelopes for superior thermal insulation in both residential and commercial structures, minimizing heat loss and reducing heating and cooling costs.
- **Retrofitting Projects:** Flexible VIPs offer versatility in retrofitting existing buildings, allowing for efficient insulation upgrades without significant alterations to the building structure.

### Refrigerator Applications

- **Refrigerator Construction Projects:** VIPs can significantly improve the energy efficiency of refrigerators by providing superior insulation properties. By reducing heat transfer through the refrigerator walls, VIPs minimize the workload of the compressor, resulting in energy savings and increased internal space for storage. Their advanced thermal insulation capabilities offer multiple advantages over traditional materials, including enhanced energy efficiency and internal space optimization.

### Electronics and Automation Applications

- **Electronic Enclosures:** Flexible VIPs can be used in electronic enclosures to manage heat dissipation and maintain optimal operating temperatures for electronic components, ensuring reliability and longevity.
- **Industrial Automation Systems:** Flexible VIPs can contribute to energy efficiency and thermal management in industrial automation systems, improving overall system performance and reducing operational costs.

### Medical and Pharmaceutical Storage

- **Cold Storage Units:** Flexible VIPs can be utilized in cold storage units for medical and pharmaceutical storage, maintaining precise temperature control to preserve the integrity of temperature-sensitive products.

## FAQS (FREQUENTLY ASKED QUESTIONS)

### What are Vacuum Insulation Panels (VIPs) and how do they work?

VIPs are advanced insulation materials that consist of a core material (like super-fine fiberglass or microporous fumed silica) enclosed in a gas-tight envelope, under a vacuum pressure of  $\leq 1$  Pa. This vacuum significantly reduces heat transfer through conduction and convection, offering superior insulation performance. Think of it like an incredibly efficient thermal flask that keeps your drink hot or cold by preventing heat from getting in or out.

### Why are VIPs considered better than traditional insulation materials?

VIPs have extremely low thermal conductivity, making them much more efficient than traditional materials like XPS or mineral wool. For example, a 15 mm thick fiberglass VIP has a thermal conductivity of  $\leq 2.5$  mW/(mK), allowing for thinner layers with higher insulation performance. This means buildings can be insulated more effectively without losing valuable space, ultimately reducing energy consumption and carbon emissions.

### How do VIPs contribute to energy efficiency in buildings?

In both cold and hot climates, VIPs minimize heat loss or gain, reducing the need for heating or cooling. This lowers energy consumption and, consequently, carbon emissions from fossil fuel-powered systems. It's like wearing a high-performance thermal jacket; you stay comfortable inside without having to constantly adjust the heating or cooling, leading to significant energy savings.

### Can VIPs be used in any type of construction or retrofitting project?

Absolutely! VIPs are versatile and can be adapted to various shapes, sizes, and geometries, making them suitable for new constructions as well as retrofitting existing buildings. Whether you're designing a modern home or upgrading an old office building, VIPs can be tailored to meet specific insulation needs without compromising on space or aesthetics.

### Are there different types of VIPs for different applications?

Yes, VIPs come in two main types: fiberglass with getter/desiccant and fumed silica. Each has its unique properties, like thermal conductivity and weight, making them suitable for different applications. For instance, fiberglass VIPs might be preferred for lightweight needs, while fumed silica VIPs could be chosen for their slightly better insulation performance.

### Is it true that VIPs have a high fire rating?

Indeed, VIPs typically have a high fire rating of A, meaning they're non-combustible and enhance fire safety in construction applications. This adds an extra layer of security to buildings, much like a fire-resistant safe protects valuable documents in a fire.

### Considering their benefits, are VIPs cost-effective?

While the initial investment in VIPs might be higher than traditional materials, the long-term energy savings and environmental benefits they offer make them a cost-effective solution. Think of it as investing in a high-quality appliance that uses less electricity; the upfront cost is higher, but the energy savings over time make it worth it.

### How do VIPs impact the overall design and aesthetics of buildings?

Thanks to their thin profile and flexibility in shape and size, VIPs can be seamlessly integrated into building designs without compromising aesthetics or internal space. This allows architects and designers to maintain their vision while achieving high insulation performance, akin to integrating high-tech features into a sleek smartphone design.

### Can VIPs be used in applications outside of construction?

Yes, VIPs are also used in electric vehicles, transportation (like in cargo containers), refrigeration (enhancing efficiency in refrigerators), electronics, and even medical and pharmaceutical storage, thanks to their excellent thermal insulation properties.

### What are the core materials used in Sanyou's VIPs?

Sanyou's VIPs are made with two types of core materials: super-fine fiberglass and fumed silica. Fiberglass VIPs incorporate a getter/desiccant to maintain the vacuum, whereas fumed silica VIPs do not have a getter/desiccant.

### What are the thermal conductivity values for Sanyou's VIPs?

The thermal conductivity for Sanyou's VIPs is impressively low, ensuring superior insulation performance. For fiberglass VIPs (15 mm thick), the thermal conductivity is  $\leq 0.0025$  W/(mk), and for fumed silica VIPs (25 mm thick), it is  $\leq 0.0045$  W/(mk).

### How do Sanyou's VIPs compare to traditional insulation materials in terms of thermal conductivity?

Sanyou's VIPs outperform traditional insulation materials significantly. For context, glass mineral wool has a thermal conductivity of 44 mW/(mk), EPS is 36 mW/(mk), rock mineral wool is 34 mW/(mk), and PIR is 22 mW/(mk). Sanyou's fiberglass VIP stands at 2.5 mW/(mk), and fumed silica VIP at 4.5 mW/(mk), showcasing their superior efficiency.

### What sizes and thicknesses are available for Sanyou's VIPs?

Sanyou offers a wide range of sizes, with maximum dimensions up to 2000 mm x 1800 mm for fiberglass VIPs and 1000 mm x 500 mm for fumed silica VIPs. The available thicknesses range from 3 mm to 30 mm for fiberglass VIPs and from 5 mm to 40 mm for fumed silica VIPs.

### Can Sanyou's VIPs be used in extreme temperatures?

Absolutely. Sanyou's VIPs are designed to operate effectively in a wide temperature range, from  $-40^{\circ}\text{C}$  to  $+100^{\circ}\text{C}$ , making them suitable for various applications from cold storage to high-temperature environments.

## FAQS (FREQUENTLY ASKED QUESTIONS) (Continue)

### **What is the vacuum pressure inside Sanyou's VIPs?**

The vacuum pressure inside Sanyou's VIPs is maintained at  $\leq 1$  Pa, which is crucial for their high insulation performance by minimizing heat transfer through air conduction and convection.

### **Are there any manufacture tolerances in the dimensions of Sanyou's VIPs?**

Yes, there are manufacture tolerances to ensure precision in production. For lengths between 250 mm to 500 mm, the tolerance is -4 mm to +2 mm, and it adjusts slightly as the dimensions increase, ensuring that the VIPs fit perfectly in their designated applications.

### **Why choose Sanyou's VIPs over traditional insulation materials?**

Choosing Sanyou's VIPs means opting for cutting-edge insulation technology that offers unparalleled thermal efficiency, space-saving design due to their thin profile, and versatility in application due to their operational temperature range and size variability. Despite their higher initial cost, their long-term energy savings and reduced carbon footprint make them a sustainable and cost-effective choice.

### **How can I learn more or get a quote for my project?**

For more information or to discuss your specific project needs, including price quotations and tailored VIP solutions, feel free to contact our Customer Services Team at [info@sanyoulondon.com](mailto:info@sanyoulondon.com) or call us at +44 204 570 5354. We're here to help you elevate your project with innovative insulation solutions that meet your dimensional and aesthetic requirements.




## CONTACT US



FOR MORE INFORMATION, PRICE QUOTATION AND/OR DISCUSSING YOUR REQUIREMENTS



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## INDICATIVE PURCHASING PROCESS

**1.Contact Us:** First, reach out via email to discuss your requirements, including product code, dimensions and quantity. We will match it with our minimum order quantity. You can also speak to us to discuss it further. Video meetings via MS Teams or Zoom can also be arranged.

**2.Receive Quotation and Terms:** We will email you a price quotation based on your specifications and quantity along with terms and conditions of supply of products.

**3.Confirm Quotation and Terms:** Confirm acceptance of the price quotation and the terms and conditions of supply of products by email.

**4.Receive Sample:** Upon confirmation, we may send a sample, if necessary or when not demonstrated physically, of your chosen product by post.

**5.Confirm Sample:** After receiving the sample, email us your approval or any requested modifications. Once agreed, we move to the next step.

**6.Payment:** You will receive a sales invoice via email for the product based on the approved sample. Upon making the payment as per price quotation, a receipt will be emailed to you.

**7.Shipment:** Your product will be shipped, with delivery timing based on your order details. We will notify you via email with the expected delivery date.

**8.Confirmation:** Once you receive your order, please confirm via email. If any issues arise, we are here to assist you.

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SANYOU

L O N D O N

VACUUM INSULATION  
ENERGY TECHNOLOGIES



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