

THE **INDUSTRIAL** , **COMMERCIAL** and **AUTOMOTIVE**
JACKETS / MATTRESS/ COVERS



Strategic
Tie-ups

THE **ART** AND **SCIENCE**
of
Thermal , Acoustics &
Fire Solutions



BRINGING **SUSTAINABILITY AND SAFETY** TO THE **CLIMATE CONTROL**
ASPIRE TO INSPIRE TO GET COOL AND CLEAN FUTURE



OUR MISSION

"To empower stakeholders through trusted relationships and innovative technology, fostering sustainable progress and creating lasting value for our community and beyond."

OUR VISION

To empower a connected world through the seamless integration of trust and technology. We aspire to driving a sustainable progress, and shaping a brighter tomorrow for generations to come.

OUR MOTTO

Growing Together with Trust and Technology for sustainable future

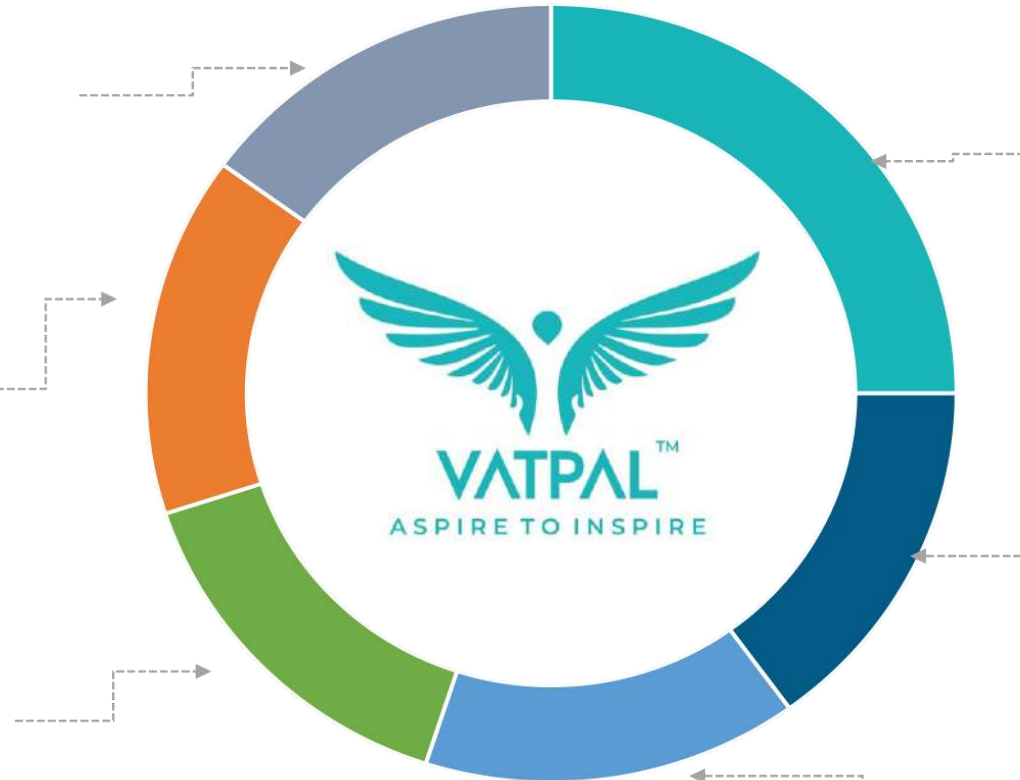
360° Solutions BRINGING SUSTAINABILITY TO CLIMATE CONTROL

Its all about Air, Thermal & Textiles

All types of Technical Textile,
Filtration Systems,
Thermal mattress,
Insulation Jackets
Our own Manufacturing Unit
(-110 Deg C to 1000 Deg C)

Engineering Consultancy
Airflow Monitoring
CFD Stimulations etc.
TAB Services

Industrial Safety System
Tailor made Heat Pumps,
Industrial Chillers
Special Purpose Equipment's
Such as Test Stands etc.



Textile Air Ducting and Air Distributions System
- Industrial
- Commercial
- Mobility

HVAC Solutions
Trench Cooling System
Fan Coil Units
Adiabatic Cooling System

Industrial Ventilations Solutions
Direct / Indirect Evaporating System
HVLS System
Roof Extractors – Hybrid & Natural
Industrial curtains
Centrifugal , Axial, Plenum Fans

● Our JV / Associates / Technology Partners across the Globe

The Worlds Leader's with unique solutions



Denmark &
Czechia



Spain



Germany



India



India

We integrate and represent innovative Global market leaders in India, bringing relevant innovative solutions under one roof.

● OUR OFFERINGS



For a wide spectrum of applications / end-use scenarios



Marine



Industrial Application



Military



Commercial Vehicle Insulation



Locomotive



Power Generation



Underground Mines



Oil & Gas

Thermal jackets offer several benefits in industrial applications:

1. Temperature Regulation:

Thermal jackets help regulate temperature, keeping equipment within optimal operating ranges, which is crucial for machinery performance and longevity.

2. Energy Efficiency:

By insulating equipment and pipes, thermal jackets reduce heat loss, resulting in energy savings and lower operating costs.

3. Process Stability:

Consistent temperatures maintained by thermal jackets contribute to stable industrial processes, ensuring product quality and reducing the risk of downtime due to temperature-related issues.

4. Personnel Safety:

Insulating hot surfaces with thermal jackets minimizes the risk of burns and improves overall workplace safety for personnel working in industrial environments.

5. Environmental Protection:

Thermal jackets help reduce heat emissions into the environment, promoting environmental sustainability and compliance with regulations.

6. Prevents Condensation:

Thermal jackets prevent condensation buildup on cold surfaces, preventing corrosion and damage to equipment.

7. Customization:

Thermal jackets can be customized to fit various shapes and sizes of equipment, providing tailored insulation solutions for specific industrial applications.

In overall Thermal jackets play a critical role in enhancing efficiency, safety, and sustainability across a wide range of industrial processes.

Thermal jackets or mattresses offer numerous benefits in commercial applications

Energy Efficiency:

By insulating pipes, valves, and equipment, thermal jackets minimize heat loss, resulting in significant energy savings and reduced utility costs for commercial buildings.

Temperature Regulation:

Thermal insulation helps maintain consistent temperatures, ensuring optimal performance of HVAC systems, refrigeration units, and hot water pipes, leading to improved comfort for occupants.

Condensation Prevention:

Insulating cold surfaces with thermal jackets prevents condensation buildup, reducing the risk of water damage, mold growth, and corrosion, thus extending the lifespan of building components.

Noise Reduction:

Thermal jackets can act as sound barriers, dampening noise from mechanical systems such as pumps, compressors, and HVAC units, creating quieter and more comfortable indoor environments for occupants.

Compliance with Regulations:

Thermal insulation solutions help commercial buildings meet energy efficiency standards and building codes, ensuring regulatory compliance and avoiding penalties.

Enhanced Safety:

Insulating hot surfaces with thermal jackets reduces the risk of burns and injuries for maintenance personnel and building occupants, promoting a safer working environment.

Long-term Cost Savings:

Investing in thermal insulation solutions upfront can lead to significant long-term cost savings through reduced energy consumption, lower maintenance expenses, and extended equipment lifespan.

Overall, thermal jackets or mattresses play a crucial role in improving energy efficiency, comfort, safety, and sustainability in commercial buildings, making them indispensable components of modern construction and facility management practices.



PRODUCT PORTFOLIO



Insulation Jackets



Exhaust Insulation Blankets



Thermal Insulation Blankets



Outdoor Insulation Blankets



Removable Insulation Blankets



Insulation Cover



Detachable Engine Exhaust Insulation Jacket









Flange Insulation Jacket



Piston Valve Insulation Jacket





Piston Valve Dust Protection Cover





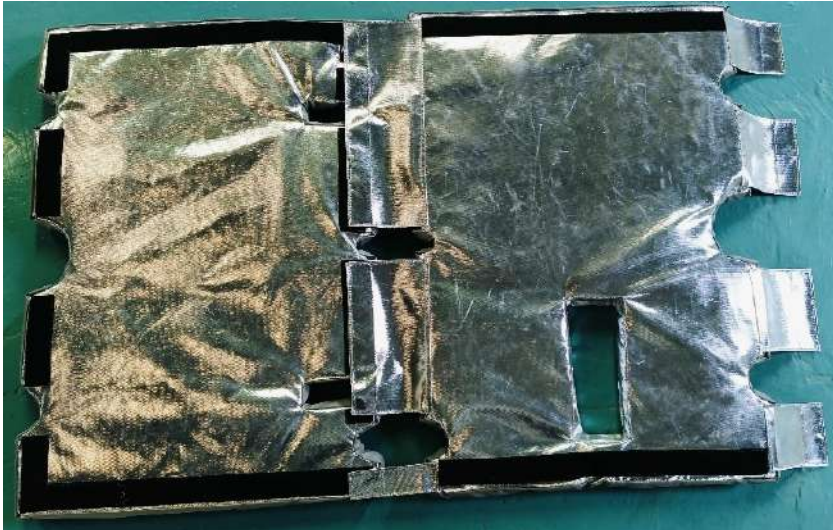
Moisture Separator Insulation Jacket







**PPPPU RECEIVER,INSULATION JACKET,STICHING,40NB
(1 1/2"),50NB (2"),80NB (3")**



**PPPPU,INSULATION JACKET,STICHING,40NB Shell
(1 1/2"),50NB (2"),80NB (3")**



FLASH VESSEL, INSULATION JACKET, STITCHING,150NB (6")



FLASH VESSEL, INSULATION JACKET, STITCHING, 200NB (8")



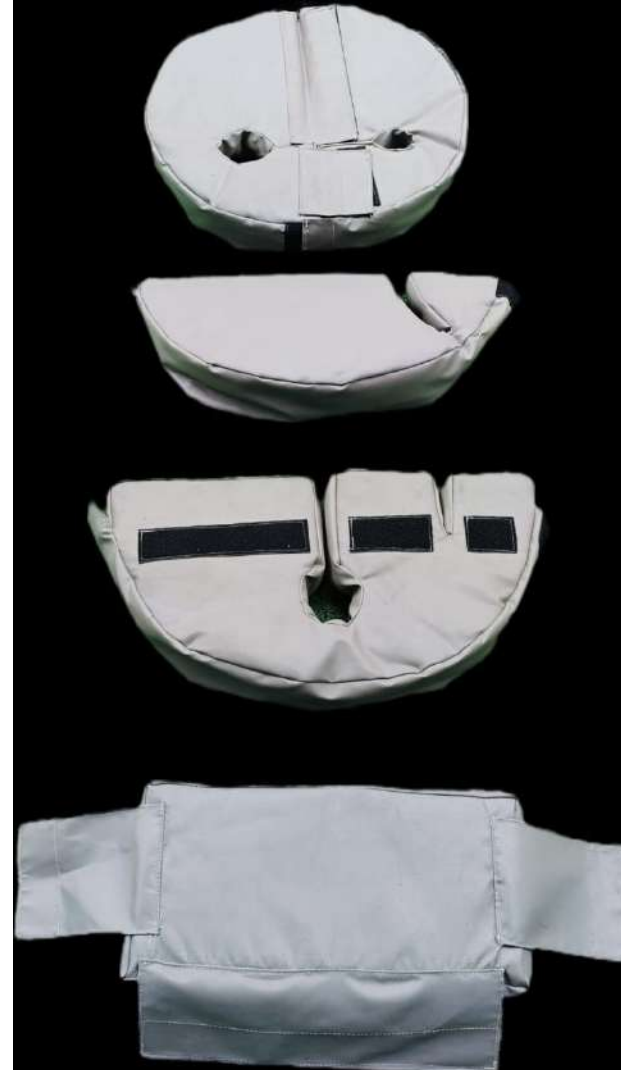
PPPPU-C, INSULATION JACKET, STITCHING, 20NB (3/4")



FLASH VESSEL, INSULATION JACKET, STITCHING, 375NB (15")



PPPPU-C, INSULATION JACKET, STITCHING, 25NB (1")



FMSCM512, INSULATION JACKET,STITCHING



PISTON VALVE , DUST PROTECTION COVER, STITCHING,65NB(2 1/2") TO 300NB (12")



PISTON VALVE, INSULATION JACKET, STITCHING,50NB (2")



● Specialized Thermal Jacket of Filter Assembly For Automobile Sector



IDEAL SOLUTIONS FOR BUSES/UTILITY VEHICLES - WITH CELLOFOAM



- ✓ Maximum travelling comfort for passengers and driver
- ✓ Low weight & high efficiency
- ✓ Safety & compliance with standards
- ✓ Durability & resilience
- ✓ Customised solutions & customised manufacturing
- ✓ Sustainable & innovative materials

Built to Withstand Real-World Demands

Our materials are engineered for:

- **Acoustic Performance** – Reduce noise levels for a quieter ride and a better working environment
- **Thermal Stability** – Reliable performance in varying temperatures
- **Fluid Resistance** – Withstand oil, water, and fuel exposure
- **Flame Retardance** – High fire resistance for enhanced passenger safety
- **Lightweight Design** – Optimized for energy efficiency and load management

Acoustically Effective Materials for Buses and Utility Vehicles

Travel in Comfort. Work in Peace.

We support your vehicle development from the ground up with expert consulting in **noise reduction** and **thermal insulation**. Our team provides on-site sound measurements, detailed analysis, and tailored material recommendations—ensuring that every solution meets your precise acoustic, thermal, and safety requirements. We are partnering with one of Europe's leading suppliers of **noise control and insulation materials** for buses and utility vehicles, we deliver solutions that perform under extreme conditions.

Proven Applications Across the Vehicle

Whether it's:

- Under the hood
- Engine compartment linings
- Interior thermal barriers
- Roof or floor insulation

Our material portfolio includes field-tested solutions that offer:

- **Easy Installation**
- **Maximum Safety**
- **Superior Comfort**

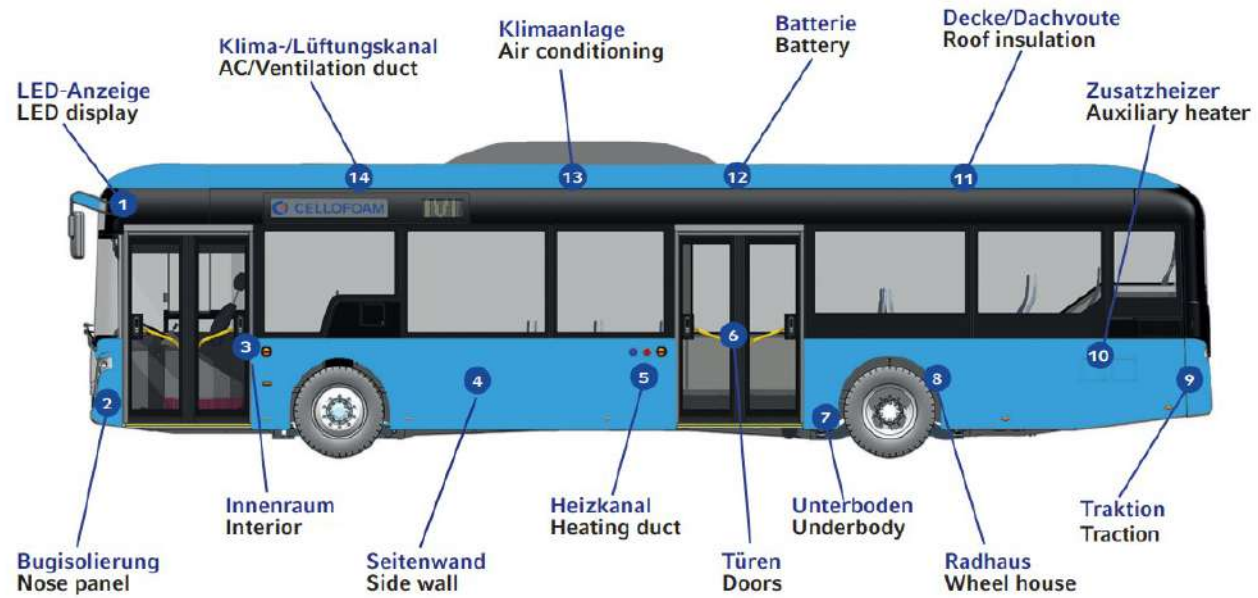
Raising the Bar in Fire Safety

Fire prevention is a non-negotiable in modern vehicle design. With increasing passenger volumes and the rise of **electric and autonomous vehicles**, materials now need to prevent not just fire spread but also **short circuits** and **leakage currents**.

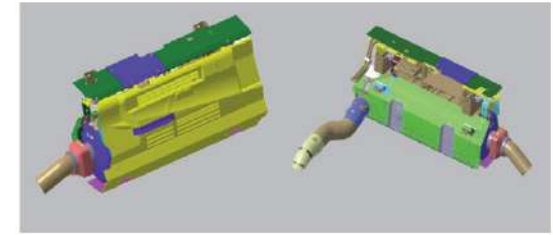
Our solutions meet and exceed key safety standards:

- 🔥 **ECE R-118.02** compliant
- 🔥 **EN 45545-2** – The gold standard for fire safety in rail and public transport

Let us help you design vehicles that meet tomorrow's comfort and safety expectations—today



Heat Shields



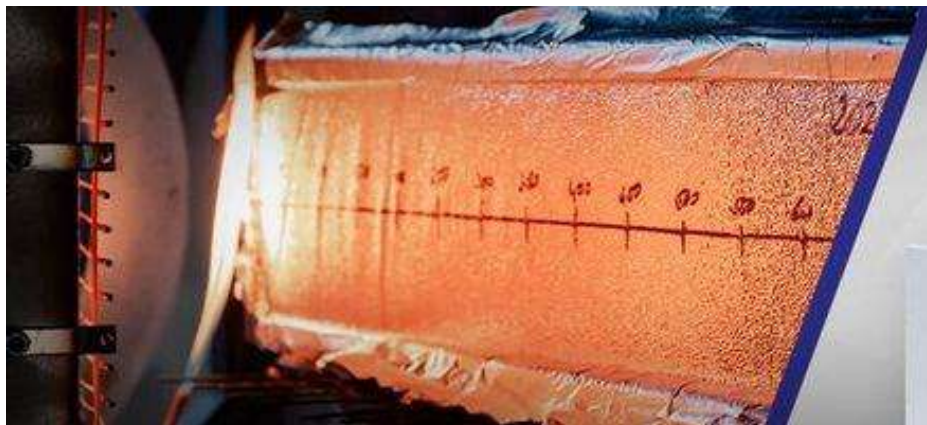
Heat Shield POL



Under Hood & Under Floor Insulators

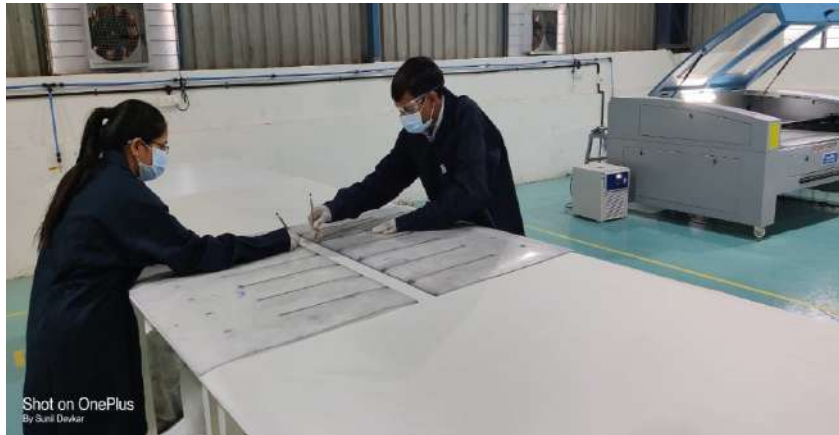


Battery Thermal Insulation



Exiting premises/ factory unit – Alandi Markal Road, Pune





PROVISION FOR FUTURE EXPANSION



Total Available Area : Approx. 8000 SQFT



OUR PROCESS



Understanding Client Requirements

Our highly trained specialists take the time to deeply understand your specific heat requirements. Over the phone, video call or in person at our Pune HQ, our in-house heat protection experts work directly with your team to fully understand the needs of your project, including your heat temperature requirements.

Design

Design is paramount to a well performing heat protection product. From heat blanket removal for routine component maintenance to specific safety requirements, our design team use their expertise to create your custom heat solution.

Approval

Our design team are on hand to tweak and finalize any changes to ensure you have the best custom thermal solution on the market.

Manufacturing

Once we have designed and got approval, we are prepared your product, our production team will begin the manufacture of your bespoke heat solution.

● Conclusion : Overall Benefits of Insulation Jackets



Energy Efficient

Insulation jackets prevent heat from escaping a system, which can translate to better energy efficiency for the system and comfort levels for operators.



Cost Savings

Insulation jackets are a simple way of avoiding heat loss and, consequently, lowering energy costs



**Better Employee
Savings**

By using insulation jackets, facility managers and owners can reduce the risk of employees suffering from burns, fatigue, slips, and smoke inhalation.



**Longer Equipment
Life**

Insulation jackets protect industrial equipment and systems from damage and degradation resulting from the weather, extreme operating temperature and condensation.

IN ABLE HANDS



Ulhas Keshavsingh Vatpal

Founder and CEO – VATPAL Group

A dynamic force in the HVAC & R industry, renowned for his expertise in reorganizing and restructuring business development and sales teams.

With a background in Mechanical Engineering from VJTI, Mumbai and an MBA in Marketing Management from IBMS, Mumbai, he combines technical expertise with strategic acumen. His journey, enriched by roles in esteemed organizations, has consistently delivered exceptional results. His unique talent lies in translating business initiatives and marketing strategies into tangible bottom-line results, driving sales, revenue, and client growth.

18+ years in HVAC

Collaborator

Communicator

Motivator

Visionary

Signature Skills

Leadership ■ Project Enhancement
■ Market Entry Pioneer ■ Strategic Leadership
■ Market Expansion ■ Sales Excellence
■ ROI & EBITA Improvement

Active Committee Member



Past Professional Roles



Connect with Ulhas on LinkedIn to explore potential collaborations and opportunities for remarkable growth



USA



Germany



UAE



India



Thailand



Australia



1

HQ of the company
Design, Sales, Marketing
Business Development & After
Sales Services

5

Joint ventures for
innovative
Technologies

40+

Years on the
combined market
experience with
JV partners

6+

Countries with active Business
Associates / distributors

70+

Countries, Our Products
exported

15+

Dedicated Employees

25+

Innovative & Energy Efficient
Product Solutions

20,000,000+

Combined Products
successfully installed

“ Its all About Air, Thermal & Textiles ”

**“ Thanks for your kind interest
towards innovative solutions ”**



VATPAL™

ASPIRE TO INSPIRE

**VATPAL Industries Pvt Ltd ,
Corporate Office 407, West Avenue ,
Opp. PMRDA Office, Bremen Chowk ,
Aundh , Pune 411067, Maharashtra, India**

info@vatpalgroup.com

+91 7777093577

www.vatpalgroup.com