



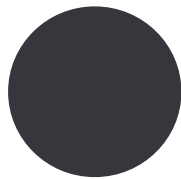
MARS INSULATION

Premium Thermal Insulation Solutions
Where Innovation Meets Insulation

CORPORATE PROFILE

Mars Insulation is a forward-thinking manufacturer and supplier of high-performance thermal insulation materials engineered for modern infrastructure and industrial excellence. With a strong focus on innovation, quality assurance, and sustainable performance, we deliver insulation systems that enhance energy efficiency, operational reliability, and long-term asset protection.

Our expertise in CCPE and XLPE Insulation Technologies enables us to provide customised solutions tailored to diverse project requirements across commercial, industrial, and residential sectors.



CCPE Foam Insulation

Closed Cell Polyethylene (CCPE) Foam Insulation is a versatile and cost-efficient insulation solution designed for effective thermal and cushioning performance.



Performance Advantages

- Provides 6 to 7 degree temperature decrease to environment.
- Provides Sound Insulation approxly 30 decibels (dB).
- Provides heat and sound insulation of the area it is applied.
- Withstands wide range of Temperature from -40 °C to 80 °C
- Moisture resistant & Shock proof structure
- Resistant to chemical & growth of fungi
- Economical for large-scale projects
- Lightweight & installer-friendly

Recommended Applications

- Underdeck Roofing systems, PEB Structure.
- Industrial Warehouses & HVAC ducting systems.
- Pharma & Textile Companies
- Theatre, Shopping Mall, Stadium, Auditorium.
- Industrial Tanks & other equipment insulation
- Acoustic wall & flooring systems
- Automotive & Construction Industries
- Packaging material for various purposes
- Manufacturing of Sports & Recreation items

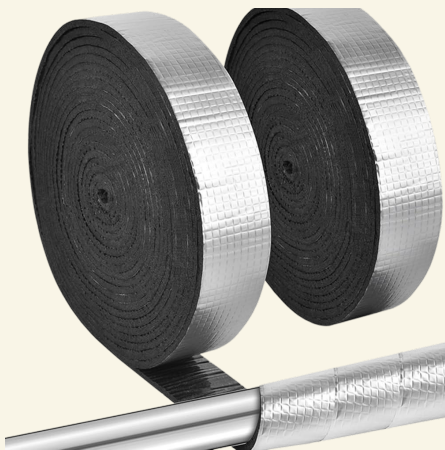
Product Range

Sr No	Thickness (mm)	Thickness Tolerance (mm)	Width (mtr)	Length (mtr)	SQM
1	2 to 6	(-0.5 to +0.5)	1.2	70/80	84/96
2	9	(-1.0 to +1.0)	1.2	40/50	48/60
3	13	(-1.0 to +1.0)	1.2	35	42
4	16	(-1.0 to +1.0)	1.2	30	36
5	19	(-1.0 to +1.0)	1.2	25	30
6	25	(-1.5 to +1.5)	1.2	20	24

Note: Available in various thickness, colours & specification as single side & both side lamination as per customer requirement.

XLPE Foam Insulation & Thermo Tap

Cross-Linked Polyethylene (XLPE) Foam represents our premium insulation offering. Manufactured using advanced cross-linking technology, this closed-cell structure ensures superior thermal efficiency, structural integrity, and durability. It is an insulation material that provides comfort against extreme weather conditions, The environment lined-up with insulation is never too hot or too cold.



Performance Advantages

- Excellent thermal conductivity control.
- Withstands a wide range of temperatures from -40 °C to 115 °C
- Closed-cell structure with negligible water absorption.
- High compressive strength & dimensional stability
- Resistance to chemicals & growth of fungi and vermin
- Weather resistant & Shock proof
- Smooth, premium surface finish
- Lightweight, flexible & easy to fabricate
- Fire-retardant grades (Class 1 & Class 0) available upon request

Recommended Applications

- Underdeck Roofing systems
- HVAC ducting systems
- Chilled & Hot water pipelines
- Industrial Tanks & other equipment insulation
- Acoustic wall & flooring systems
- Automotive & Construction Industries
- Packaging material for various purposes
- Manufacturing of Sports & Recreation items

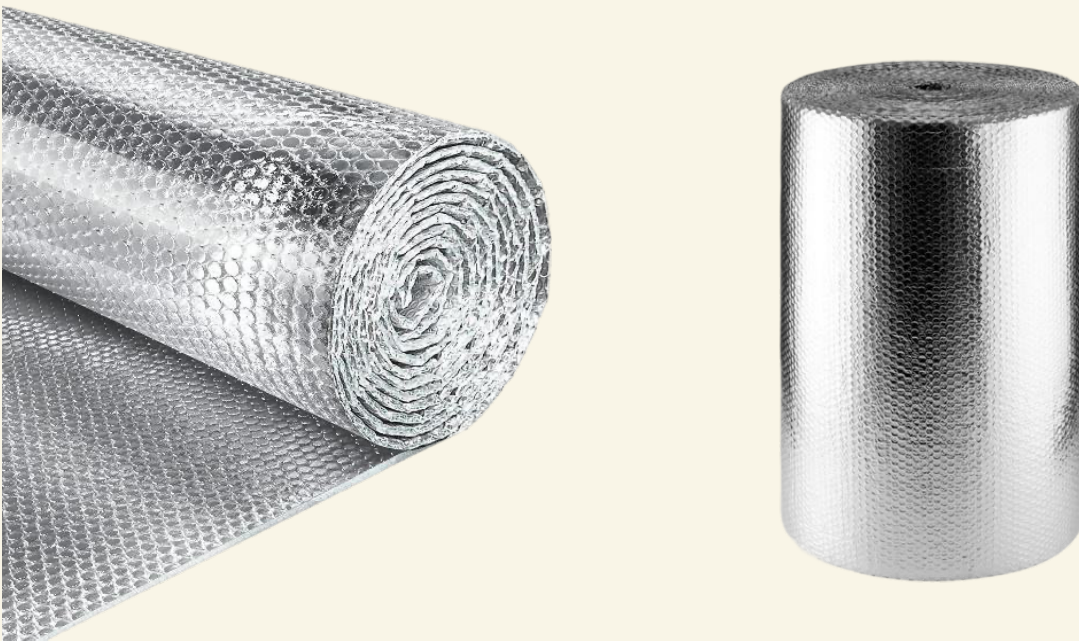
Product Range

Sr No	Thickness (mm)	Thickness Tolerance (mm)	Width (mtr)	Length (mtr)	SQM
1	2 to 6	(-0.5 to +0.5)	1.2	70/80	84/96
2	9	(-1.0 to +1.0)	1.2	40/50	48/60
3	13	(-1.0 to +1.0)	1.2	35	42
4	16	(-1.0 to +1.0)	1.2	30	36
5	19	(-1.0 to +1.0)	1.2	25	30
6	25	(-1.5 to +1.5)	1.2	20	24

Note: Available in various thickness, colours & specification as single side & both side lamination as per customer requirement.

Air Bubble Insulation

Air Bubble Insulation is a lightweight, reflective thermal insulation material designed to reduce heat transfer in buildings and industrial structures. It consists of polyethylene air bubbles sandwiched between reflective aluminum foil layers, creating an effective barrier against radiant heat.



Key Benefits

- High radiant heat reflectivity
- Enhanced vapor & moisture protection
- Improved building energy efficiency
- Excellent radiant heat reflection (up to 95–97%)
- Lightweight, Easy and fast installation
- Moisture & Corrosion resistant
- Eco-friendly & non-toxic, Maintenance-free

Ideal For

- Underdeck roof insulation
- HVAC duct insulation
- Metal & PEB structures
- Industrial sheds & warehouses
- Commercial buildings & wall insulation
- Portable cabins & containers

Product Range

Sr No	Thickness (mm)	Thickness Tolerance (mm)	Width (mtr)	Length (mtr)	SQM	Layer
1	4, 6, 10	(-1.0 to +1.0)	1.2	50	60	Single
2	8, 12	(-1.0 to +1.0)	1.2	40	40	Double
3	20	(-1.0 to +1.0)	1.2	30	30	Double
4	14, 16	(-1.0 to +1.0)	1.2	30	42	Triple

PE Foam Floor Protection System

A premium blue-film laminated protective foam solution designed to safeguard finished surfaces during construction and renovation.



Key Benefits

- Superior impact & scratch resistance
- Water-resistant protective layer
- Quick roll-out installation
- Lightweight and reusable

Key Benefits

- Marble & granite flooring
- Wooden & laminate flooring
- Tiles & finished surfaces
- High-traffic construction environments

Product Range

Sr No	Thickness (mm)	Thickness Tolerance (mm)	Width (mtr)	Length (mtr)	SQM	Layer
1	2	(-0.5 to +0.5)	1.2	135	162	Single
2	3	(-0.5 to +0.5)	1.2	100	120	Double
3	4	(-0.5 to +0.5)	1.2	100	120	Double
4	5	(-0.5 to +0.5)	1.2	80	96	Triple

Available in different thickness as per customer requirements.

OUR COMPETITIVE EDGE

Innovation-Driven Manufacturing

Advanced production processes ensure consistent density, thickness accuracy, and superior material performance.

Quality Assurance

Strict quality control at every stage of manufacturing guarantees durability, safety, and reliability.

Customization Capabilities

- Tailored thickness & density options
- Foil lamination variants
- Roll and sheet formats
- Fire-retardant specifications

Client-Centric Approach

We partner with contractors, engineers, distributors, and developers to deliver solutions aligned with project timelines and technical requirements.

INDUSTRIES WE SERVE

- HVAC, MEP & PEB Contractors
- Infrastructure & Construction
- Industrial Manufacturing
- Warehousing & Logistics
- Residential & Commercial Developments

OUR QUALITY COMMITMENT

At Mars Insulation, quality is not just a benchmark — it is our foundation. We are committed to delivering insulation systems that meet stringent industry standards while contributing to sustainable and energy-efficient infrastructure development.



MARS INSULATION

Delivering Insulation Solutions Built to Protect and Designed to Perform.

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Mars Insulation – Engineering Thermal Excellence.