



**REFLECTIVE
BUBBLE INSULATION**

XLPE
ROLLS | SHEETS | TUBES

www.alutix.com

ALUTIX AIR BUBBLE INSULATION

Air bubble insulation is a type of thermal insulation material that consists of multiple layers of air-filled bubbles, typically sandwiched between layers of reflective aluminum foil. This design provides effective thermal resistance, making it an excellent choice for various applications where temperature regulation and energy efficiency are important.

Alutix operates at the highest level of business practices and ethical standards and we operate within the stringent disciplines of the ISO 9001:2015 Quality Management System.

We pride ourselves on our experience, training and expertise in the thermal insulation marketplace, backed by a range of quality product offerings. We keep abreast of changes and developments in the building industry and environmental issues, Alutix Insulations enjoys the enviable position of being the de facto standard and market leader in building insulation products, consisting of sealed plastic bubbles laminated to an aluminium foil, throughout India.

Our production process uses the most efficient method of manufacturing insulation material which helps us to offer superior & consistent quality products at a competitive price.

Our Values - Quality Excellence, Innovation, Sustainability, Customer Focus, Integrity, Teamwork, and Safety drive our commitment to superior products and lasting relationships.

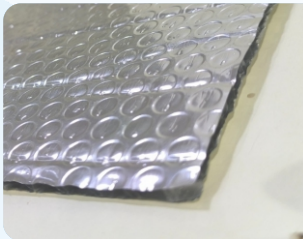


Our Mission is to bring values for our customers , by developing good working relationships & ultimately serving better.

Our Vision is to set a benchmark in the Insulation industry by providing the highest quality products and the best service.



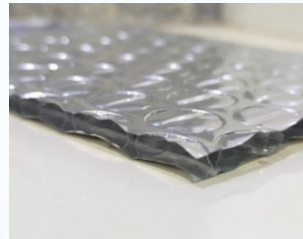
REFLECTIVE BUBBLE INSULATION-SIZES AND COMPOSITION



Thickness : 4 mm
Bubble size : 4x10 mm
Air bubble layer : Single
Roll size : 1.2x40 mtr.

Pure Aluminum Foil
Lamination on Both side

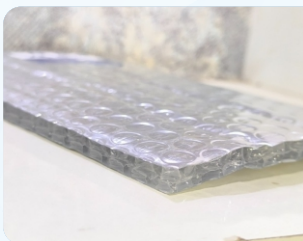
4MM - ALUTIX VICTOR



Thickness : 6 mm
Bubble size : 6x18 mm
Air bubble layer : Single
Roll size : 1.2x40 mtr.

Pure Aluminum Foil
Lamination on Both side

6MM - ALUTIX CLASSIC



Thickness : 8 mm
Bubble size : 4x10 mm
Air bubble layer : Double
Roll size : 1.2x40 mtr.

Pure Aluminum Foil
Lamination on Both side

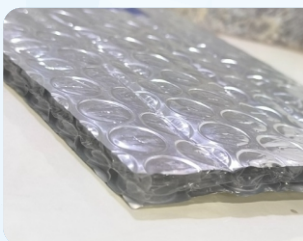
8MM - ALUTIX STAR



Thickness : 10 mm
Bubble size : 10x30 mm
Air bubble layer : Single
Roll size : 1.2x40 mtr.

Pure Aluminum Foil
Lamination on Both side

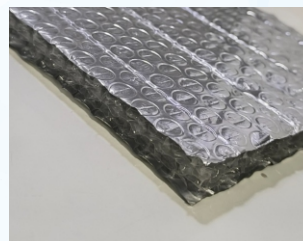
10MM - ALUTIX NOBLE



Thickness : 12 mm
Bubble size : 6x18 mm
Air bubble layer : Double
Roll size : 1.2x30 mtr.

Pure Aluminum Foil
Lamination on Both side

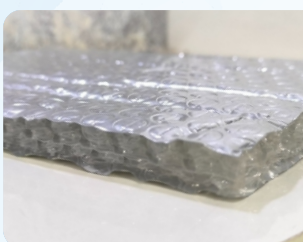
12MM - ALUTIX MASTER



Thickness : 12 mm
Bubble size : 4x10 mm
Air bubble layer : Triple
Roll size : 1.2x25 mtr.

Pure Aluminum Foil
Lamination on Both side

12MM - ALUTIX TRIO



Thickness : 16 mm
Bubble size : 4x10 mm
Air bubble layer : Four
Roll size : 1.2x25 mtr.

Pure Aluminum Foil
Lamination on Both side

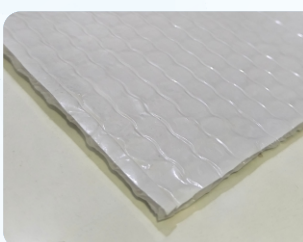
16MM - ALUTIX PRO



Thickness : 20 mm
Bubble size : 10x30 mm
Air bubble layer : Double
Roll size : 1.2x25 mtr.

Pure Aluminum Foil
Lamination on Both side

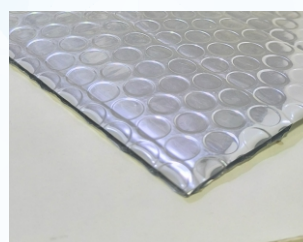
20MM - ALUTIX PRIME



Thickness : All thickness
Bubble size : 4mm
Air bubble layer : Single/Double
Roll size : Can Be customised

Laminated with one side Alum foil
and one side Poly

ALUTIX POLY



Thickness : All thickness
Bubble size : 4mm
Air bubble layer : Single/Double
Roll size : Can Be customised

Laminated with one side Alum foil
and one side Metpet

ALUTIX ALUMET

APPLICATIONS



Industrial / Factory Shed



Poultry Farms



Sports Complex



Innovative Packaging



Banquets / Showrooms



Goods Vehicles

Thermal insulation effectively reduces the cooling load of a building by minimizing heat transfer between the interior and exterior. This helps maintain a stable indoor temperature, reducing the need for air conditioning and lowering energy consumption. Additionally, thermal insulation protects occupants, processes, and equipment from harsh weather conditions by providing a barrier against extreme temperatures, which enhances comfort and safety.

PLUS POINTS



Light Weight



Lower Heating And Cooling Costs



Easy to Retrofit



Moisture Barrier



Customised Length



Fiber - Free



Flexible & Versatile



Non Toxic & Environment Friendly



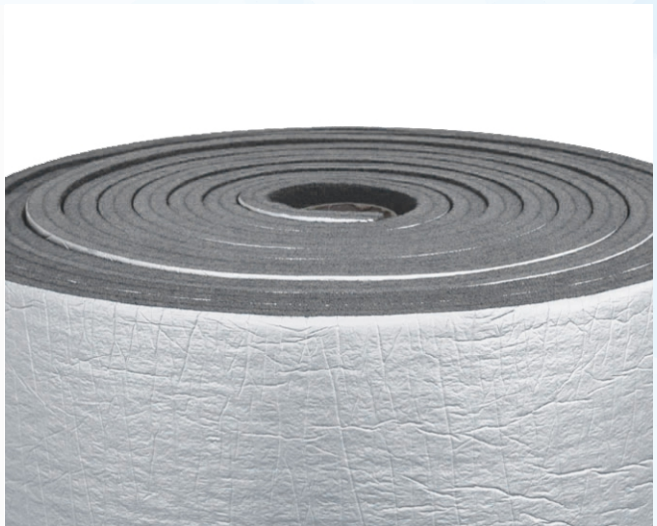
Cost Effective

CHEMICALLY CROSS-LINKED CLOSED CELL POLYETHYLENE FOAM INSULATION

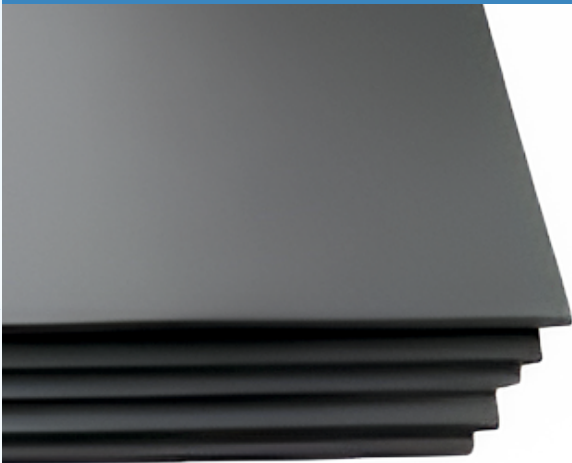
Alutix XLPE Insulation is a high-performance cross-linked closed-cell foam insulation designed for superior thermal and moisture resistance. Its advanced structure ensures durability, flexibility, and excellent heat reflection. Widely used in industrial/warehouse underdeck roofing, automotive industry, duct & pipe insulation.

Alutix XLPE effectively reduces heat transfer, enhances energy efficiency, and prevents condensation, it offers long-lasting protection with easy installation, making it ideal for a wide range of applications. The material is lightweight, flexible, and easy to install, reducing labor costs, making it ideal for demanding industrial applications.

Alutix Insulations stands out as a reliable and efficient thermal solution management across diverse industries. Its innovative design and robust properties ensure optimal performance, energy savings, and long-term durability.



ROLLS



SHEETS

TUBES

XLPE FOAM-DIMENSIONS & SIZES THAT ARE MANUFACTURED IN ROLLS/SHEETS/TUBES

XLPE	THICKNESS RANGE	WIDTH	LENGTH
ROLLS	3mm - 25mm	1.2m	100m for lower thickness & 16m for higher thickness
SHEETS	30mm - 50mm	1.2m	2m

ALUTIX XLPE TUBES ARE MANUFACTURED FOR METAL/UPVC/CPVC PIPE FITTING SIZES

XLPE	THICKNESS RANGE	LENGTH
TUBES	6mm - 50mm	2M / 1.5M / 1.2M

THICKNESS (MM)	WIDTH (M)	LENGTH (M)	TOTAL (SQM)	THICKNESS (MM)	WIDTH (M)	LENGTH (M)	TOTAL (SQM)
3	1.2	100	120	15	1.2	25	30
4				19		20	24
5				80		16	19.2
6				70		84	2.4
8		50	60				
9		45	54				
12		30	36				
13		30	36	50		2	2.4

APPLICATION AREAS



Automotive



Railway



Industrial/Factory
Shed



Pipe
Insulation



HVAC Duct
Insulation



Innovative
Packaging

FEATURES



Negligible water/
moisture absorption



Excellent thermal &
acoustic insulation



Resistance to fungi
& bacteria



Wide operating
temperature range
from -40°C to +115°C



Stable K
value



Maintenance
free

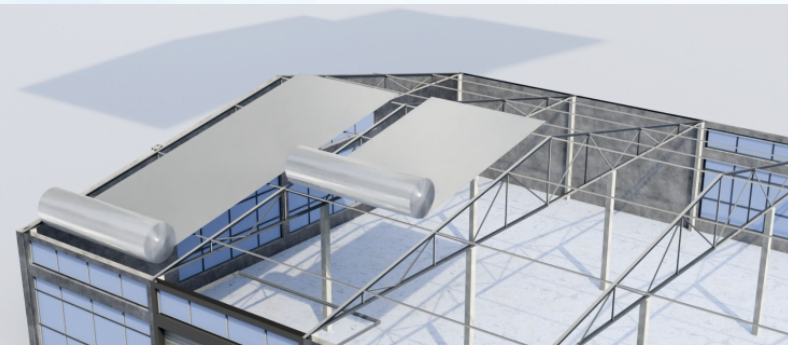


Fiber-free &
dust-free

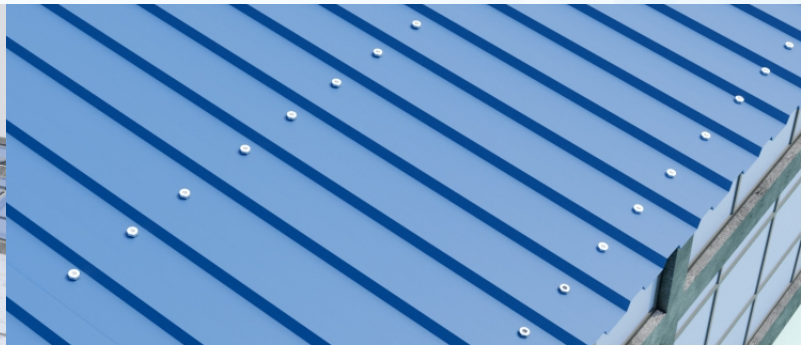


Chemically
unreactive

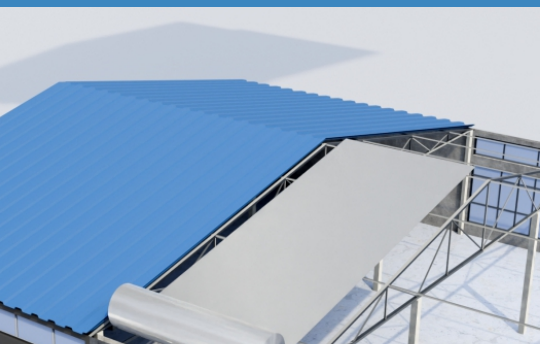
INSTALLATION GUIDE FOR BUBBLE AND XLPE INSULATION



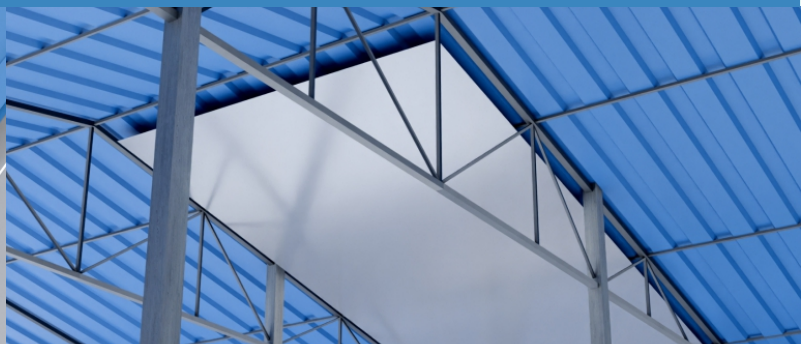
Unroll the insulation sheet from bridge to eave, stretch and fix the insulation sheet with drilling screws.



Place the metal sheet on the top of insulation sheet and fix with metal screws.



On placing the next sheet parallel to the first, making the side overlap and staple the edges together.



In case of installation in an existing metal shed, stretch the insulation sheet as wide as the purlins spacing, just below the roof sheet and fixate with G1 wire.

SOME OF OUR PRESTIGIOUS CLIENTS



Corporate Office: No 2, 1st floor, Shahzada Bagh Opp Metro Pillar, 187-188, New Delhi - 110035

Manufacturing Plant 1 : Khasra No. 83, 85, 84/1 84/3 & 89, Village Gaitra, Tehsil Tilda,
Distt. Raipur, Chhattisgarh.

Manufacturing Plant 2 : Plot No. E-51, RIICO Industrial Area, Karoli, Bhiwadi,
Distt. Alwar, Rajasthan- 301019

Storage Locations : Gujarat, Karnataka, Tamilnadu, Punjab, Rajasthan, Maharashtra , Haryana

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