



Aerolam

EXPERTISE
DELIVERED



AEROLAM GROUP COMPANIES

- ❖ AEROLAM INSULATIONS PVT LTD
- ❖ AEROLAM FIBC(WOVEN JUMBO BAGS)
- ❖ AEROLAM PACKAGING(CORRUGATED PACKAGING)
- ❖ AEROLAM DECORATIVES LLP (BUBLEGUARD)
- ❖ AEROLAM CLOSURES LLP (CPP FILM)

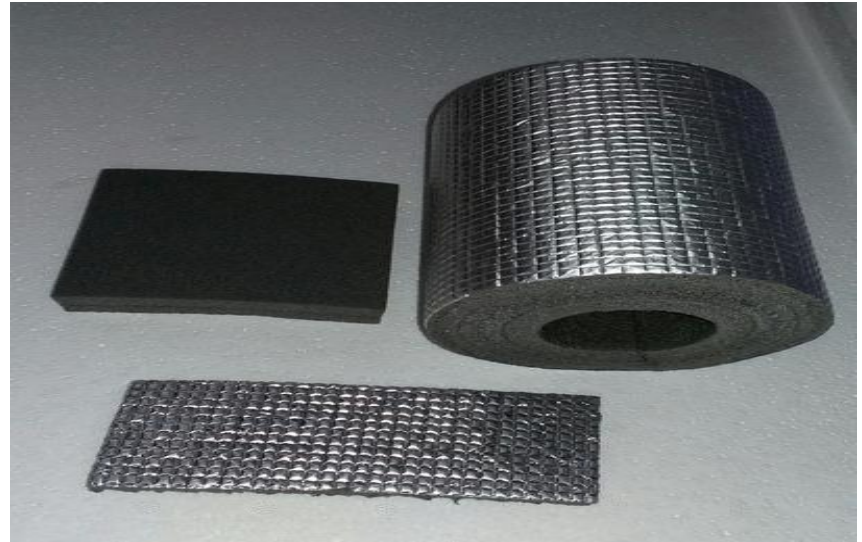
AEROLAM INSULATIONS PVT LTD

Our Reflective Insulation Products come in 2 categories:

- (1) Bubble Insulation (2) XLPE Insulation

Our Insulation materials

- ❖ are Class A / Class 1 fire rated which **PASSES** the current required ASTM fire test ([ASTM E84-10 using the E2599 mounting method](#)) for building materials,
- ❖ reflect (blocks) 94% of the radiant heat that strikes its surface across an air space,
- ❖ are industrialized-strength lightweight yet durable, attic insulation designed to hold staples without tearing,
- ❖ are non-toxic, non-carcinogenic, fiber-free, and does not require protective clothing or respirators to install,
- ❖ are easy to install and maintenance free ([reflective insulation installation](#) methods),
- ❖ are not affected by moisture or humidity,
- ❖ control condensation by keeping warmer moist air away from cooler dry air,
- ❖ do not provide a growth medium or nutritive value for fungus, insects or rodents



AEROLAM FIBC (Flexible Intermediate Bulk Container)

A flexible intermediate bulk container (FIBC), is an industrial container made of flexible plastic fabric that is designed for storing and transporting dry, flowable products, such as sand, fertilizer, and granules of plastic.

We have integrated plant from tape to final finishing of bags & able to make all type of FIBC as per the specific requirements of different customers. We make all type of polypropylene (PP) bags.

SIMPLE INDUSTRIAL CLEAN BAGS

Circular Bags
U + 2 Panel Bags
Four Panel Bags
Four Panel Baffle Bags
Single Loop Bags
Two Loop Bags
Four Corner or Cross Corner Loop
Full Loops/Tunnel Loops/Stevedore Loops
Builder Bags with Open Top & Closed Bottom
Bags with Top Spout/Bottom Spout
Bags with Top Skirt/Bottom Skirt/Bottom Flap
Bags with Tubular Liner—glued, Tabbed or Stitched

HIGH TECH BAGS

Conductive Bags
Dissipative Bags
UN Bags
Ventilated Bags
Peanut Bags
Food Grade / Pharma Grade Bags
Bags with Form Fit Liner
Bags with Aluminium Foil Lner
Bags with EVOH Liner
Container Liners



U panel



Circular/Tubular



Baffle-Q bag



Ventilated



Single & Two Loops



Conical bag



Tunnel Bag



Conductive bags

AEROLAM PACKAGING

Aerolam Uday Packaging manufactures Corrugated Packaging from Kraft Paper. Corrugated fibreboard packaging has two main components: the liner and the medium.

Both are made of a special kind of heavy paper called containerboard. Linerboard is the flat material, typically on the outer surfaces of the board but also on the inside for some structures, that adheres to the medium. Medium is the paper that is formed into arches or flutes on the single facer and glued between the linerboard facings.





AEROLAM BUBBLEGUARD

An innovation in the world of boards. Made with patented European technology, this revolutionary board is suitable for endless applications.

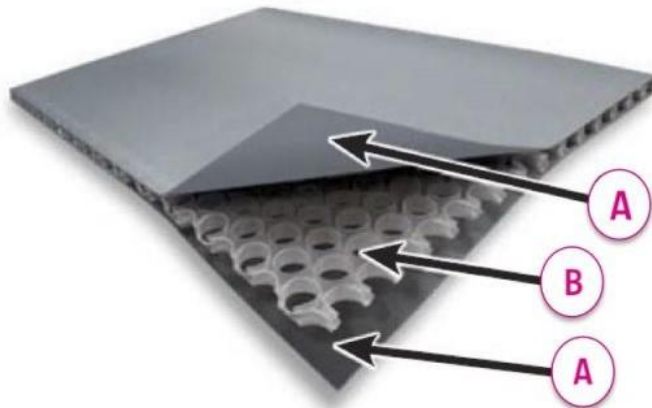
It is scientifically engineered to replace conventional methods of protecting, packaging, panelling and more, with its simplicity of usage; thus offering endless solutions.

What is Bubble Guard Board?

AEROLAM Bubble Guard Board has triple layers of virgin polypropylene sheets with plain layers on either sides and a middle core layer having thermoformed bubbles. These bubbles are welded together with specialized technique to get a strong, rigid and composite structure which offers remarkable mechanical strength/properties.

The patented AEROLAM Bubble Guard structure is made from eco-friendly polypropylene, with a special air lock technology to provide high stiffness and rigidity with tri-directional strength and an excellent strength-to-weight ratio not seen in other industrial fabrication products.

Our Sandwich Panel



In the industrial process the honeycomb structure is the basis for **Sandwich Panel's** formation, where **A** are skins or faces and **B** the honeycomb core.

A = Skins: load distribution

B = Core: panel's bending stiffness

AEROLAM BUBBLE GUARD BOARD FEATURES

- ❖ Extremely light in weight compared to Wood, Metal and other fabrication Substrates.
- ❖ Smooth and plain flat surface on either sides
- ❖ Available in various attractive colours, which offers high aesthetic value
- ❖ Excellent printability and lamination
- ❖ Equal strength in three directions (X, Y & Z Axis)
- ❖ High and uniform contact area offered due to bubbles/ coned structure
- ❖ High compression strength & High impact strength
- ❖ Reusable for multiple transits or storage for longer time to protect goods
- ❖ Excellent shock absorption and cushioning because of the bubbles
- ❖ Excellent substitute for fluted board, foam boards, wood, steel, particle board etc.

AEROLAM BUBBLE GUARD BOARD FEATURES

- ❖ Impermeable to moisture and water, thereby no deterioration of strength and structure of material
- ❖ Can be cut, creased, die-cut, heat welded and ultrasonically welded
- ❖ No special technique/ equipment/ tools required for conversion
- ❖ Strong and durable, which offers high strength : weight ratio
- ❖ Non-toxic
- ❖ Recyclable (being thermoplastic) for other usages or processed without major degradation
- ❖ High resale value
- ❖ Saves cost and energy
- ❖ Bubbles don't burst/ rupture and hence don't affect performance

AEROLAM BUBBLE GUARD BOARD APPLICATIONS

- ❖ Storage bins/ boxes/ crates for inter-departmental material handling
- ❖ Returnable/ reusable transportation & transit boxes for components, parts, sub-assemblies, outsourced parts, semi-finished parts, packing materials, dies etc
- ❖ Foldable and collapsible boxes
- ❖ Boxes for Pharma kits, electronic kits, instruments, sample kits, tool kits, etc
- ❖ Substitute for wooden packaging, boxes
- ❖ Particle boards, internal partitions/ separators/ liners
- ❖ Cushioning paddings for sheet glass, heavy equipment, support paddings
- ❖ In-house or transit and storage pallets
- ❖ Paddings for suiting/ shirting/ dress material wrappings and yarn packaging
- ❖ Thermoformed articles, die-punched industrial components

AEROLAM BUBBLE GUARD BOARD APPLICATION PICTURES

- ❖ Storage bins/ boxes/ crates for inter-departmental material handling
- ❖ Returnable/ reusable transportation & transit boxes for components, parts, sub-assemblies, outsourced parts, semi-finished parts, packing materials, dies etc.
- ❖ Boxes for Pharmaceutical kits, electronic kits, instruments, sample kits, tool kits, etc.



AEROLAM BUBBLE GUARD BOARD APPLICATION PICTURES

Non-Corrosive & Rust free Bubble Guard Board can be used as

- ❖ Interlayers, Layer Pads, Separators, Partitions, Dividers for Textile Industry and Food & Beverage Industry, Automotive Component Mfg. Industry
- ❖ Metal Protector, Wood Protector, Glass Protector, Ceramic Protector etc.



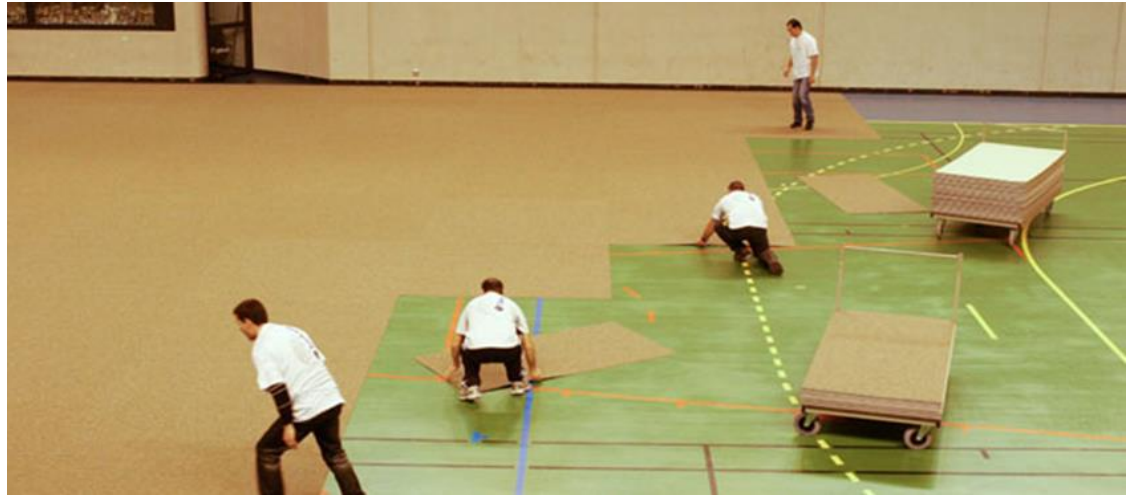
AEROLAM BUBBLE GUARD BOARD APPLICATIONS

- ❖ Internal partitions/ separators/ liners for Open Spaces
- ❖ Make do Structures like Toilets, Pre-fab Cabins



AEROLAM BUBBLE GUARD BOARD APPLICATIONS

- ❖ Substitute for wood composite particle board for various applications like Wall Panel, Flooring Underlayment, False Ceilings, Core Material for Doors, Furniture etc.



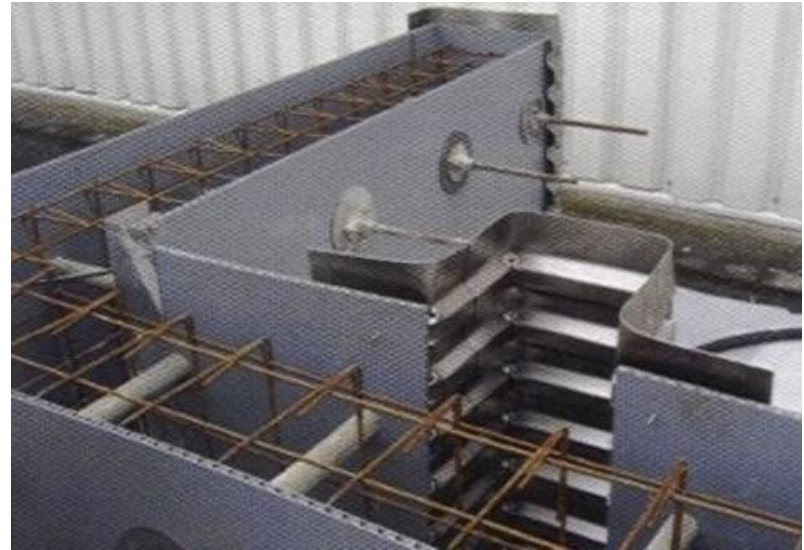
AEROLAM BUBBLE GUARD BOARD APPLICATIONS

❖ Automotive Flooring, Head Liners, Parcel Shelf, Trunk Floor & Side Walls



AEROLAM BUBBLE GUARD BOARD APPLICATIONS

- ❖ Building & Construction applications like Formwork for Landfill, Containment Panels, Building Fences, Barricades etc.



AEROLAM FOLDABLE SLEEVE SYSTEM

[®] **Bubble Guard** **BOX**

The compactable and reusable container with Bubble Guard[®] Sleeve



Universality

The ability to adapt every our sleeves to pallets and commercialized lids.

Compatibility and choice

With **Bubble Guard[®] Box**, you can choose the type of shell [lid + pallet] that combines better with the compatibility customers' requirements, even with other already used.

Compactability

Depending on the sleeve height and on the truck type, you can send 4 or 5 trucks of raised **Bubble Guard[®] Box** before returning them all in one transport compacted.



Reusable: reduces packaging costs in the medium/long-run

Compactable: optimizing loading spaces

Made-to-measure: 100% customizable

Resistant: to shocks and deterioration

Eco-friendly: 100% recyclable

Versatile: easy to use



BIRJU PATEL
HEAD – SALES & MARKETING
99099 78899
birju@aerolam.com