

UNIPACK

POLYFOAMS PVT. LTD.

A Quest For Excellence

Company Overview

Founded in the year 2007

- *Facilities for producing and processing various Foams.
- *From an Experienced manufacturer in the field of Insulation and Packing spanning over a decade.
- *Expertise in Extruding, processing and finishing of varieties of Foams & Films for various applications and products.

Products and Services

- *Over a decade's experience in the field of Polymer based packaging and insulation applications
- *Products developed for specific needs like Acoustic, Thermal and Shock Protection.
- *Expanded Polyethylene Foam
- *Air Bubble Film.
- *Polyurethane Foam.
- *Expanded Polystyrene,
- *Other Films, Special Products like Antistatic Materials.

Mfrs of : Expanded Polyethylene Foam & Air Bubble Film.

SPECIFICATION

TECHNICAL SPECIFICATION

S.NO.	PROPERTY	UNIT	SPECIFICATION
1.	Density	Kg/m ³	25 - 45
2.	Tensile Strength at ambient temp	Kg/m ²	MD 2.5 - 5 TD 1.8 - 3.5
3.	Elongation	%	MD 80 - 160 TD 42 - 70
4.	Compression Strength at 10%	Kg/m ²	0.05 - 0.20
5.	Water absorption after 96 hours	Volume	0.01 - 0.60
6.	Water Vapour Transmission Rate / 24 hrs.	gm/m ²	20 - 25
7.	Buoyancy (Fresh Water)	Kg/m ³	915 - 940
8.	Thermal Conductivity	Kcal/M Hr C	0.020 - 0.028

UNIPACK S.L.

Expanded Cellular Polyethylene
SINGLE LAYER SHEETS

Thickness (M.M.)	Width (Metres)	STD Roll/ Sheet Length
0.85	1500	400
1.00	1500	400
2.00	1500	200
3.00	1500	135
4.00	1500	100
5.00	1500	80

UNIPACK ML/PL

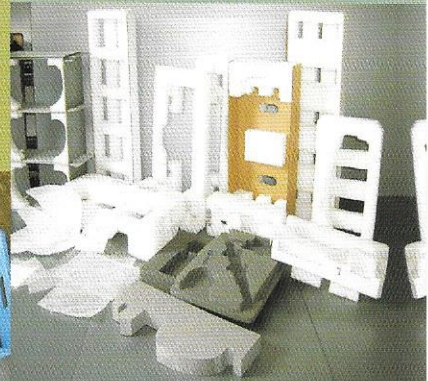
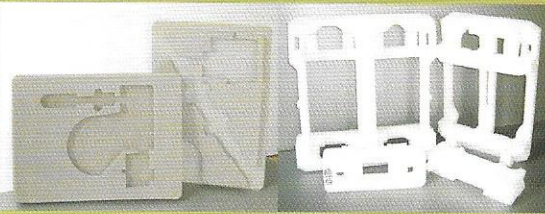
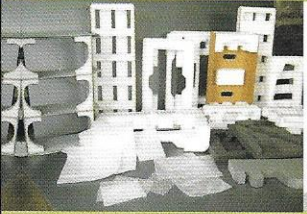
Expanded Cellular Polyethylene
LAMINATED SHEETS

Thickness (M.M.)	Width (Metres)	STD Roll/ Sheet Length
5.00	1400	80
6.00	1400	70
7.00	1400	60
8.00	1400/1200	50
10.00	1400/1200	40
12.00	1400/1200	35
15.00 to 30.00	1400/1250	2mtr. sheet
40.00 to 60.00	1000/1250	2mtr. sheet
100.00 to 800.00	1000/1200	2mtr. sheet

Tolerance : Thickness ± 10% Width ± 5% Length ± 5%

Products and Services

- Packing of sensitive equipment, to absorb shocks and vibration.
- Specific materials have been developed for specific solutions for:
 - Packing Computers & Printers
 - Attenuation problems in machines
 - Sound insulation
 - High frequency equipment
 - Automobiles
 - Cabins
 - Audio equipment
 - Medical equipment
 - Solar Panels
 - Radar panels
 - Defence and space related equipment
- Thermal insulation for:
 - Air Conditioning equipment
 - Refrigeration equipment
- Appliances
- Automobiles



Unipack Polyfoams Pvt. Ltd. Have set up a state of the art manufacturing facility at Bangalore for Manufacturing a range of protective packing materials with diverse applications and critical to a large spectrum of industries and end users.

UNIPACK As the name suggests is a very versatile packaging and protective medium with excellent built in features.

UNIPACK Foam is a non cross linked extruded and expanded foam product with closed cells. The expanded polyethylene has a fine and uniform micro cellular structure available in thickness of 1mm to structure. The process of bonding ensures thickness up to level of 100mm. It comes in varying densities, forms and shapes for diverse applications e.g. Rolls sheets, planks, tubes etc. The flexibility, the productivity and resistance to harsh chemicals and moisture ensures widespread usage from packaging to construction to insulation to sports goods to automobiles etc.

UNIPACK - Special Features:

Protection - The cushioning property and shock absorbing capacity minimizes the intransit vibrations and risk of product damage.

Flexible - The highly flexible characteristic enables twisting and turning around the product for specific wrap around applications. It resumes its normal shape on removal of the load factor.

Smooth & Uniform Surface - the soft, light and non - abrasive characteristics of **Unipack**, ensures resistance to abrasion marks and scratches.

Moisture Resistance - The low thermal conductivity and near total resistance to moisture absorption makes Unipack an excellent insulating and water proofing material - Far superior to the conventional applications.

Non Corrosive Non Toxic - **Unipack** is inert to most of the corrosive chemicals like acids and alkalis. It is resistant to fungi and insects and hence can be a food packaging medium.

Easy fabrication - **Unipack** lends itself to easy fabrication into a variety of shapes & structures.

Laminated - **Unipack** can be laminated with aluminum foil paper, PP, HM BOPP, Film, Woven Sack etc. For additional strength and protection specific to customer requirements.

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Indicative list of Clients

- Hewlett Packard
- Lenovo India
- Wipro Peripherals Ltd - Mysore, Secunderabad, Himachal Pradesh
- HCL Peripherals
- TVS Electronics
- Larsen and Toubro, Electronics & Medical
- Sanyo BPL, Appliances & Refrigeration
- Hical Magnetics
- Essae Teraoka Ltd
- Siemens Ltd, Automotive Dials
- BHEL, Electrical & Defence Electronics
- Toyota, Kirloskar Automotive
- Fibro Reinforced Plastics/ Defence Production
- Ficus Pax Pvt Ltd/General Electric Medical

