



Omkar Puf Insulation Pvt. Ltd.

PUF PIPE SUPPORT

PRODUCT DESCRIPTION :

Polyurethane foam is one of the major components of pre-insulated pipe supports manufactured at OPIPL. Polyurethane is different from most plastic materials in that it can be tailored to meet various load requirements of varying applications. Old techniques of wooden pipe support for the erection of plant & pipe lines are now replaced by puf pipe support. OPIPL offers a wide range of puf supports. Normally the density range of puf support is 100 kg/m³ to 350 kg/m³. But OPIPL also offers the density from 100 kg/m³ to 500 kg/m³

OPIPL offers the puf supports as per requirement of clients in terms of design.

Insulated pipe supports are designed to prevent direct heat transfer between pipes and their supports. Thus, they reduce heat loss due to conduction at each support. They serve the following purposes:

1. Carry the load and allow necessary movement at each support point.
2. Provide insulation in the support area where the regular pipe insulation cannot be installed
3. Minimize the cost of field installation by reducing installation time.

The supports are not welded to the pipe and each unit is shipped completely assembled (except for the riser supports and anchor supports, both of which require some welding).

Polyurethane is stronger in the direction of foam rise. At OPIPL, the directional properties of our polyurethane are reduced by overloading the mould used to form the polyurethane. By overloading the mould, we can control the cell structure and provide uniform physical properties.

PRODUCT DETAILS -

PIPE SIZE - ¼" onwards
THICKNESS - 25mm onwards
LENGTH - 25mm onwards
DENSITY - 100kg/m³ to 500kg/m³

NOTE : SHAPES AND SIZES AS PER CUSTOMER REQUIREMENTS CAN BE MANUFACTURED.

Available in PUR and PIR.



AVAILABLE SHAPES: SQUARE SUPPORTS ROUND SUPPORTS



HIGH DENSITY PUF BLOCKS

PRODUCT DESCRIPTION :

The high-density rigid cellular polyurethane block are designed to support structural loads while insulating buildings. Cellular polyurethane is a natural insulator, and formulated in these high-density blocks, it provides the strength to support large compressive loads with little deflection. At the same time, it offers economical, code-required continuous insulation that reduces loads on cooling equipment for lower energy costs.

A wide range of compressive strengths satisfies industrial and cold-storage thermal construction applications.

This series extends the building insulation envelope from the roof to the foundation below ground. Even at the high densities required for support of column-bearing loads and precast/tilt-up wall panels, these blocks will provide thermal insulation value superior to lightweight concrete, treated wood blocks, and other traditional materials. They are commonly used as thermal isolation load-bearing blocks in concrete footings within refrigerated warehouse structures. As insulated structural support for roof equipment, roof perimeter fall protection and chiller tanks, they minimize both thermal transfer and condensation.

These blocks are delivered to contractors ready to use. They arrive at the job site cut-to-size, pre-drilled with anchor-bolt holes, and marked for fast and easy placement. This eliminates waiting for cutting or drilling before moving onto the next construction step, saving precious time.

PRODUCT DETAILS :

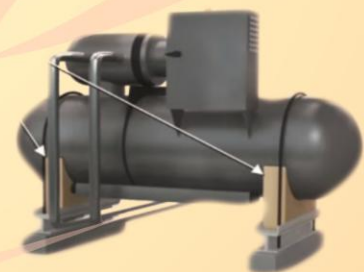
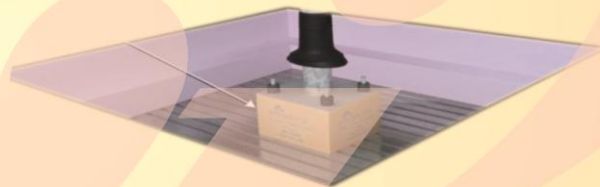
BLOCK THICKNESS - 25mm and above
LENGTH & WIDTH - as per requirement
DENSITY - 100kg/m³ to 500kg/m³

NOTE : SHAPES AND SIZES AS PER CUSTOMER REQUIREMENTS CAN BE MANUFACTURED.



ADVANTAGES :

- Short-circuits Energy Transfer To Earth At Foundation
- High Compressive Strength Supports Roof-column Loads
- Creep Resistant – Resists Distortion Under Load Over Time
- Locks Out Moisture – Closed-cell Material Does Not Absorb Water
- Will Not Rot Or Dissolve In Sub Grade Applications
- Does Not Promote Steel Corrosion
- Does Not Attract Or Support Insects Or Vermin
- Does Not Release Chemical Compounds Into Surrounding Soil
- Compatible With Grouts, Adhesives And Concrete
- No Lost Time – Products Arrive At The Site Ready To Use





PUF PIPE SECTIONS

PRODUCT DESCRIPTION :

Rigid PU foam cored Pipe sections manufactured and available in standard sizes have excellent thermal insulation properties and make a valuable contribution towards reducing energy consumption in various industries. PU foam cored Insulated pipe sections are manufactured with the help of a dedicated High Pressure equipment using state of art moulds and fixtures to consistently yield:

- A) Environment friendly CFC-free Polyurethane Foam of desired and uniform density
 - B) Close cell content of over 90%
 - C) Excellent dimensional & thermal insulation properties together with compressive strength this added dimension makes it a fit construction material.
- OPIPL offers a wide range of READY TO APPLY Polyurethane foam core Insulated Pipe Section

FEATURES / ADVANTAGES :

- Superior insulating efficiency leading to energy savings.
- Void free insulation
- Durable
- Water and moisture resistant
- Dimensionally stable
- Resistant to most oils, chemicals, and solvents
- No thermal bridges
- Fire resistant

DETAILS OF PUF PIPE SECTION :

- PIPE SIZE - 1/4" to 24"
- THICKNESS - 25mm and above.
- LENGTH - 1000mm
- DENSITY - 36kg/m³ and above.

For thickness above 100mm we offer pipe sections in double or triple layers as per customer's requirement.

Available in PUR and PIR.

FOR PIPE SIZE OVER 24" WE RECOMMEND PUF SHEETS FOR PIPE LINE INSULATION.

PUF SLABS/SHEETS

PRODUCT DESCRIPTION :

Foam emerged as a material with extremely effective thermal insulation qualities and high strength to weight ratio at low temperatures. These inherent physical characteristic enable it to perform extremely well with other alternatives products Rigid insulation, above 90% closed cells, remains durable for years, no thermal bridges, high mechanical strength, maintains insulation effectively.

Our scarce natural energy resources have compelled us to save energy.

We offer our clients with the high quality puf sheets which are very useful for their thermal insulation purposes.

FEATURES / ADVANTAGES :

- Superior Insulating Efficiency Leading To Energy Savings.
- Void Free Insulation
- Durable
- Water And Moisture Resistant
- Dimensionally Stable
- Resistant To Most Oils, Chemicals, And Solvents
- No Thermal Bridges
- Fire Resistant

PRODUCT DETAILS :

- STANDARD SIZE - 1000mm x 500mm.
- THICKNESS - 15mm and above.
- DIMENSIONS AS PER REQUIREMENT OF CUSTOMER CAN BE PROVIDED.
- DENSITY - 36kg/m³ and above.
- TEMPERATURE RANGE -
FOR PUR: -120 Deg TO +100 Deg
FOR PIR: -200 Deg TO +130 Deg

Available in PUR and PIR.

FACING :

- Bare
- Bituminised Paper
- Kraft Paper
- Aluminium Foil Paper

APPLICATION :

- Under Deck Roof.
- Walls And Flooring Of Cold Stores And Refrigerated Ware Housing.
- Critical Industrial Applications Where Maintaining A Consistent Temperature Is At Most Priority.



OMKAR PUF INSULATION PVT. LTD. is one of the most eminent manufacturers and suppliers of RIGID POLYURETHANE FOAM for VARIOUS INSULATION REQUIREMENTS. We have developed a set of high performing products and achieved incomparable market presence, specifically for matchless quality. The incorporation of high- end technologies and procedures ensure prolonged subsistence and durability of every product.

We manufacture custom designed RIGID POLYURETHANE FOAM INSULATION MATERIAL that perfectly matches the demands of our clients. Our equipment feature modern designs, premier quality and innovative technology, and are highly in demand in the market.

We have a well structured logistics, along with our expertise that helps us deliver the most appreciated products in the market. With our quality standards, we have created a benchmark in the industry.

Our trustworthiness and professionalism have made us stalwarts in the industry, which has helped us win a huge client base with each passing year. We manufacture the topmost quality of products through our highly organized manufacturing facility. Our experienced and well qualified personnel have enabled us succeed in the market with their expertise and assistance. Backed by our efficient personnel, we have been able to carve a niche for ourselves in this highly competitive market segment.



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