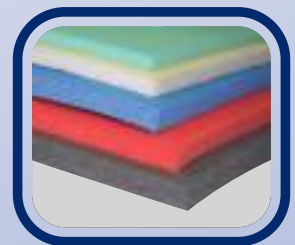
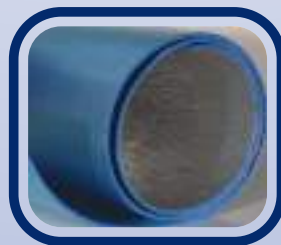
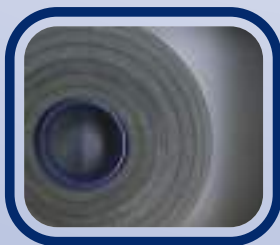
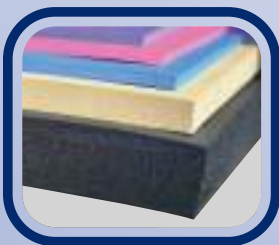


# AEROFOAM<sup>®</sup>

ENGINEERED FOAM SOLUTIONS



## *ENGINEERED & TECHNICAL FOAM PRODUCTS*



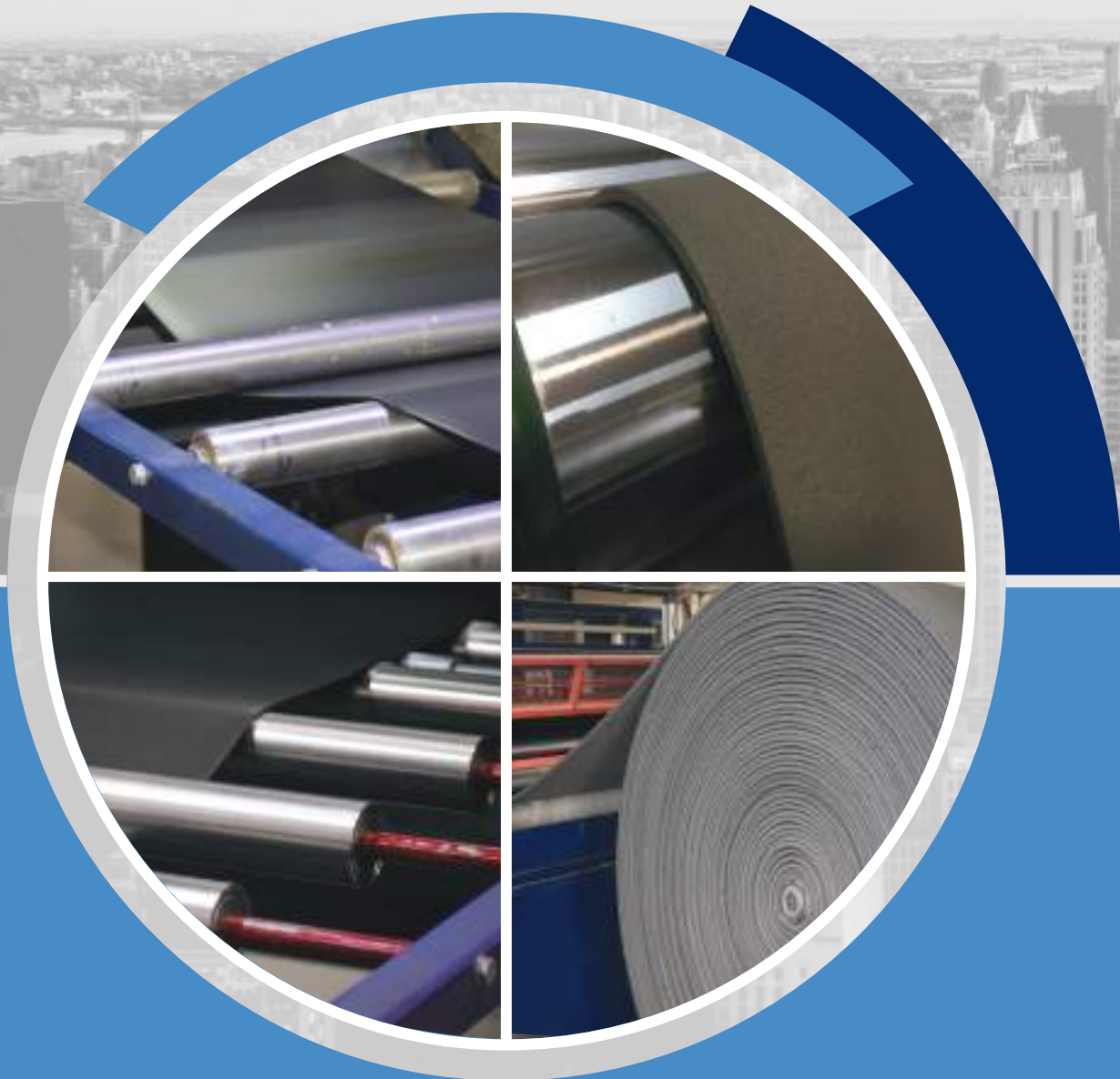
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[www.aerofoamusa.com](http://www.aerofoamusa.com)



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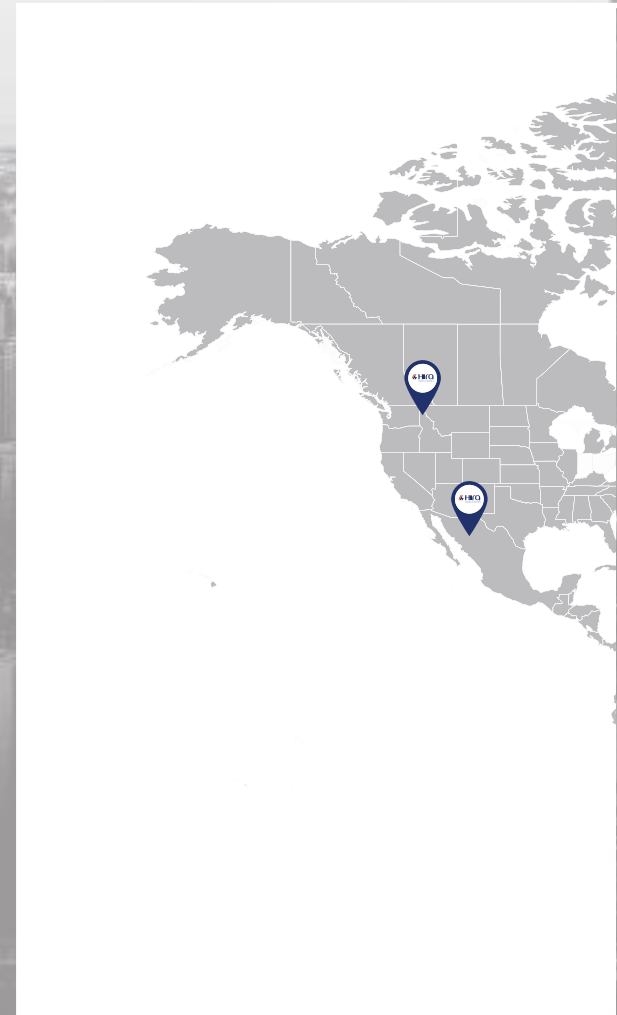
# ABOUT US

Since **1980**, the Hira Group has been manufacturing high-quality products for the Building and Construction Industries.

Realizing the trends in global development nearly forty years ago, Mr. Ramesh Hira, an HVAC engineer from India, founded Hira Traders LLC in the UAE, with the strategic objective of distributing HVAC utility products throughout the Middle East. Today the Hira Group, is an undisputed leader in the industry, catering to industrial segments across a spectrum of products, materials, and applications - HVAC, MEP, Civil Construction, Infrastructure, Aluminum, Glass, Marine, commercial, residential and industrial.

In the past 3 decades the Hira Group has successfully emerged and expanded its activities in trading and customer base in GCC, India, Southeast Asia, Australia and Africa - and now the Americas.

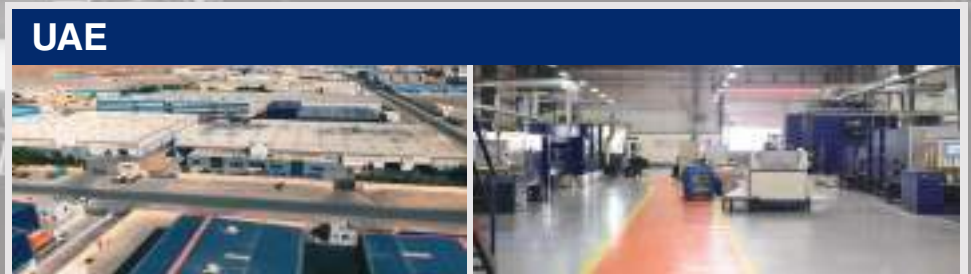
The Hira Group exemplifies American values - it has grown from the vision and hard work of one man to a magnificently successful global enterprise that continues to break new ground. From project conception to full execution and completion, the Hira Group has become known for excellence in the field. Committed to world-class quality and manufacturing.



**HQ: UAE**







# ENVIRONMENTAL INFO



We make sure that the foam products we manufacture significantly reduce energy consumption across a broad spectrum of uses. Our products are free from CFC, HCFC, dusts, and fibers. Furthermore, Aerofoam® Engineered Foam products are have zero ozone depletion potential.





# ENGINEERED FOAMS

Aerofoam® is used in different sectors such as Construction, Mass Transportation, Packaging, Sports & Leisure due to its excellent thermal, acoustic insulation, soft and flexible properties. Aerofoam® products are manufactured in a continuous foaming process with prime grade raw materials. This allows us to offer our customers a large range of foam products for different industrial sectors.



**XLPE FOAM**



**ELASTOMERIC FOAM**



**MASS TRANSPORTATION**



**SPORTS & LEISURE**



**PACKAGING**

# XLPe FOAM

■ Aerofoam® XLPe is a closed cell polyolefin foam.

Aerofoam® XLPe is a cross linked polyolefin foam. Aerofoam® XLPe foam is manufactured in a continuous foaming process. It has uniform closed cell structure with a smooth surface on both sides.

Aerofoam® XLPe foam has many industrial applications, like packaging, mass transportation, automotive, sport & leisure. Aerofoam® XLPe is a light weight & flexible foam product.

Aerofoam® XLPe foam products are easy to work with and have excellent thermal insulation properties. Aerofoam® XLPe foam has excellent chemicals resistance, anti-fungal & anti-bacterial properties.









# ELASTOMERIC FOAM

The Aerofoam® flexible Elastomeric foam offers excellent thermal & acoustic properties.

Aerofoam® Elastomeric insulation foam tubes & sheets are reliable product with easy application and outstanding performance.

Aerofoam® Elastomeric thermal insulation foam is manufactured in a continuous foaming process.

Aerofoam® Elastomeric insulation has closed cell foam structure & acts ideal for thermal insulation, it's extremely effective in avoiding condensation and reducing energy costs.

Aerofoam® Elastomeric foam is used for thermal insulation of air conditioners, heating and ventilation systems, automotive parts & many other applications.









# MASS TRANSPORTATION

## Aerofoam<sup>®</sup> for Automotive

Our Technical foams specifically designed for applications in the automotive, train, bus, and mass transportation. It is versatile and can be used in many other applications. Aerofoam<sup>®</sup> technical foams are available in different densities & mechanical properties which can be customized.

- Ford-WSS-M99P32-E1
- Chrysler-MS AY 512-a

## Aerofoam<sup>®</sup> XLPe for Railways

Aerofoam<sup>®</sup> XLPe is best suitable product for thermal and acoustic insulation in Mass Transportation. Aerofoam<sup>®</sup> XLPe product is chemically cross linked polyolefin foam which meets the hazard levels R1 - HL3 of requirement according to EN45545-2.

Aerofoam<sup>®</sup> products meets the ASTM, European and British standards for fire and smoke toxicity properties. Aerofoam<sup>®</sup> XLPe is flexible, low density and closed cell structure for better thermal and acoustic properties in mass transportation.

- R1-HL3 according to EN 45545-2
- Low smoke development
- Good mechanical properties
- Light weight
- UV, Ozone and weather resistance
- High thermal efficiency,  $\lambda = 0.024$  Btu in / hr ft<sup>2</sup> °F at 75 °F)
- Long-term functional protection,  $\mu \geq 57000$
- Self-adhesive backing for easy application
- Flexible and fiber free





A close-up photograph of a person's legs and feet on a blue mat. The person is wearing black athletic shoes with green accents and black socks. They are using a black foam roller with a green interior to massage their calf muscles. The background is a bright, out-of-focus indoor space.

# SPORT & LEISURE

## SPORT MATS

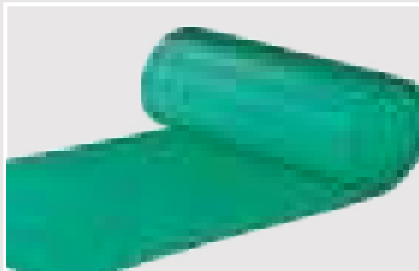
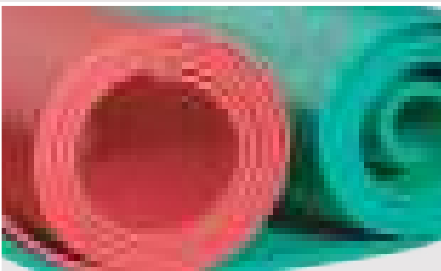
Aerofoam<sup>®</sup> Sport Mats are made of crosslinked polyolefin foams, Aerofoam<sup>®</sup> mats increase a person's comfort when exercising or training on a floor, swimming pools, on the ground or in the gym. They are available in various colors and sizes.

Aerofoam<sup>®</sup> water mats / water yoga mats have excellent buoyancy (floating).

## BENEFITS:

- Non-toxic and environmental friendly
- Odourless
- Light weight and durable
- Ultra comfortable and non-slip







# PACKAGING

Aerofoam® XLPe packaging is a closed cell cross linked polyolefin foam with a fine cell structure and smooth surface which offers excellent flexibility and elasticity.

Aerofoam® XLPe packaging foams are light weight and have excellent shock absorption and dampering properties. Aerofoam® XLPe foam protects your products from vibration.

Aerofoam® XLPe packaging foam can easily be die cut, kiss cut & skiving into simple to more complex shapes.

Typical applications includes cushioning and protective packaging e.g, shadow foams.





# AEROFOAM<sup>®</sup>

## USA L.L.C.

[www.aerofoamusa.com](http://www.aerofoamusa.com)



Sales units



Sales & Manufacturing units



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