

Foam Villa

GLOBAL PU EXPERTS

Your **Global Source** for
Laminated Foam Solutions



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FOAM VILLA – LAMINATED FOAM RANGE



Foam Villa's Laminated Foam Range consists of high-performance foam products enhanced through advanced lamination processes such as flame lamination, glue lamination, and laser/ultrasonic quilting. By combining foam with films, fabrics, paper, or other substrates, we create customized solutions tailored to specific applications. Laminated foams **enhance** durability, functionality, aesthetics, and user comfort, making them suitable for a wide spectrum of industrial and commercial applications.

Industries Served: Acoustics, Automotive, Comfort, Medical, Furniture, Footwear, Defense, Sports, Insulation, Clothing, Helmets, Packaging, Aerospace, Marine, Outdoor Equipment, and more.

Applications:

Our Memory Foam range comprises a diverse selection of advanced viscoelastic foam products manufactured under controlled production processes to ensure consistent and reliable technical performance. These foams are designed to deliver **superior comfort, ergonomic support, and long-term durability** across a wide spectrum of applications.

- **Automotive interiors:** Seats, headrests, armrests, dashboards, and door panels
- **Furniture:** Upholstery, mattresses, cushions, and sofas
- **Medical & Healthcare:** Cushions, therapeutic supports, hospital bedding, and rehabilitation aids
- **Acoustic Solutions:** Soundproofing panels, wall coverings, and flooring underlays
- **Packaging:** Protective inserts, cases, and industrial packaging
- **Sports & Recreation:** Helmets, pads, and outdoor gear
- **Insulation:** Thermal and acoustic insulation for industrial and residential applications
- **Apparel & Accessories:** Quilted jackets, bags, and fashion products

Technical Specifications:

- **Foam Density:** 15 kg/m³ to 120 kg/m³ (customizable)
- **Lamination Types:** One-side, two-side, multilayer
- **Film/Fabric Types:** Any required type (films, fabrics, paper, non-wovens, composites)
- **Product Width:** 52–80 inches
- **Roll/Sheet Packaging:** Each roll/sheet in HM plastic sheet, then HDPE bag
- **Delivery:** Within 7–8 days of order confirmation
- **Customization:** Available for foam type, density, lamination process, size, shape, and substrate to meet specific customer requirements

Additional Benefits:

- Enhanced structural integrity and durability
- Improved aesthetic finish and functional performance
- Ability to combine multiple materials for specialized applications
- Cost-effective solutions for large-scale production
- Consistent quality through controlled lamination processes

Global Supply & Customization:

Foam Villa is fully equipped to **supply laminated foam worldwide**. We can **develop products as per customer-specific requirements**, including foam type, density, substrate, lamination method, size, and shape, ensuring tailored solutions for any industrial or commercial need.

FLAME LAMINATED FOAM PRODUCTS

Product Code: FV–Laminates–Flame

Flame laminated foam bonds flexible foams (polyester and polyether) to substrates such as films, fabrics, and paper using a **molten polymer layer created by passing foam over a controlled flame**. This method is **fast, economical, and highly effective for large-scale production**, delivering strong, uniform adhesion without adhesives.

Key Advantages:

- Cheapest and fastest lamination method
- Strong and consistent material bonding
- No adhesive creep or bond failure

Common Applications:

- Automotive interiors, furniture upholstery
- Soundproofing and acoustic panels
- Packaging materials, medical devices and cushions
- Outdoor and recreational gear, insulation
- Marine and aerospace components



GLUE LAMINATED FOAM PRODUCTS

Product Code: FV-Laminates-Glue

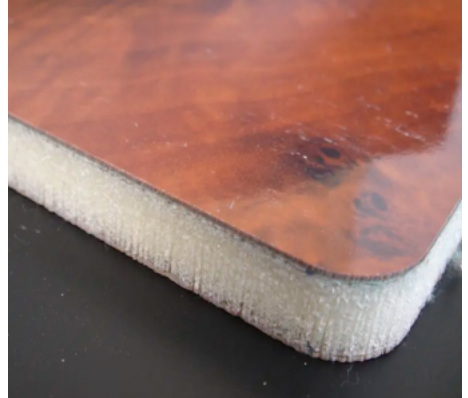
Glue laminated foam products combine foams (flexible, polyester, polyether, cross-linked, polyethylene) with films, paper, or fabric using **high-quality adhesive bonding**. This method provides **better coating consistency and longer product lifespan** compared to flame lamination.

Key Advantages:

- Superior and uniform adhesion for enhanced durability
- Long-lasting performance
- Ideal for complex or layered structures

Common Applications:

- Automotive interiors, shoe insoles
- Soundproofing and acoustic panels
- Medical cushions and devices
- Insulation and protective packaging



LASER QUILTED FOAM PRODUCTS

Product Code: FV-Laminates-Laser

Foam Villa's laser/ultrasonic quilted foam is manufactured using **cutting-edge ultrasonic welding**, bonding foam, non-woven fillings, and fabrics without threads or needles. Multiple quilting patterns and custom designs are available to meet **specific functional and aesthetic requirements**.

Key Advantages:

- Strong, stable welds with consistent quality
- Automated process ensures high precision and productivity
- Customizable quilting patterns and materials

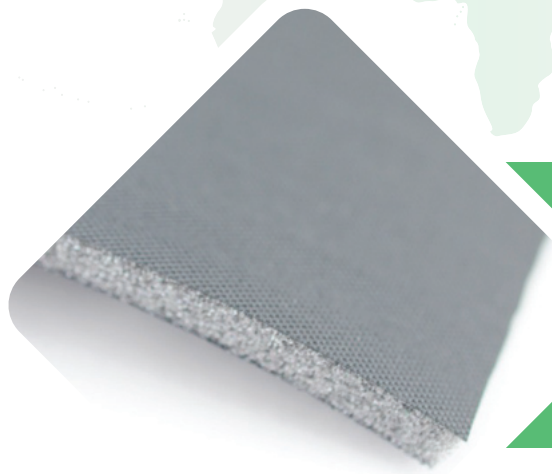
Common Applications:

- Upholstered furniture, wall panels, and car seat covers
- Mattresses, mattress toppers, and bedsheets
- Medical cushions and supports
- Apparel, snow jackets, and other fashion accessories
- Packaging inserts, crafts, and DIY products



Serving the World's Foam & Allied Needs

- From the World, For the World



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The Industry Won't Wait. Why Should You?

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