Medical Foam Market to Reach USD 49.51 Billion by 2031 as Advanced Wound Care Fuels Growth, Says Mordor Intelligence

Medical Foam Market to register a CAGR of 7.08% during 2026–2031, with North America leading the global market.

HYDERABAD, TELANGANA, INDIA, September 8, 2026 /EINPresswire.com/ -- According to Mordor Intelligence, the medical foam market size is estimated at USD 35.18 billion in 2026 and is projected to reach USD 49.51 billion by 2031, expanding at a CAGR of 7.08% during the forecast period (2026–2031). The market continues to benefit from the rising geriatric population, increasing prevalence of chronic diseases, growing demand for advanced wound care, and expanding use of medical-grade foams in sterile packaging and healthcare products. Flexible foams remain widely used across bedding, cushioning, and wound-care applications, while demand for specialized foam materials is increasing across prosthetics, medical devices, and pharmaceutical packaging. The report highlights that manufacturers are increasingly focusing on material performance, sustainability, pressure management, and applications that support evolving healthcare requirements.

Medical Foam Market Key Growth Factors

Aging Demographics Create New Demand for Medical Foam Applications

The growing geriatric population and increasing prevalence of chronic conditions are supporting demand for medical foam products used in pressure-relief bedding, cushioning systems, wound dressings, and other healthcare applications. The expansion of home healthcare and long-term-care services is further increasing the need for materials designed to provide comfort and pressure management across different care settings.

"As demand for medical foam solutions expands across healthcare, packaging, and patient-care applications, decision-makers benefit from research grounded in transparent sourcing, consistent validation, and balanced market assessment. Mordor Intelligence applies a structured methodology designed to provide a dependable view of market developments, competitive activity, and key factors influencing future demand," says Soumya Goud, Senior Research Manager, Mordor Intelligence.

Growing Adoption of Medical-Grade Foams in Sterile Packaging

The increasing use of medical devices and pharmaceutical products is supporting demand for foam materials used in sterile and temperature-controlled packaging. Medical-grade foams provide cushioning and protection during transportation and storage, supporting their use across healthcare supply chains.

Expansion of Advanced Wound Care and Prosthetic Applications

Demand for advanced wound-care materials and customized prosthetic solutions is supporting increased adoption of specialized medical foams. The prosthetics and wound-care application segment is projected to record the fastest growth during the forecast period, reflecting expanding use of foam-based materials in patient-specific healthcare applications.

Medical Foam Market Recent Industry Developments

May 2026 – Convatec reported continued growth supported by new advanced wound-care products

Convatec reported that its Advanced Wound Care business delivered mid-single-digit organic growth, with product launches contributing to performance. The company specifically highlighted ConvaFoam and ConvaNiox, as well as initial market releases of ConvaFiber and ConvaVAC, demonstrating continued commercialization of new wound-care technologies involving foam and related advanced materials.

June 2026 – UFP Technologies maintained focus on medical-device components and packaging

UFP Technologies' 2026 activities include participation in Foam Expo North America, alongside its broader medical-device manufacturing and packaging operations. The company supplies components and packaging used in minimally invasive surgery, wound care, orthopedic products, and medical devices, making its activity relevant to the medical foam and engineered-materials ecosystem.

Medical Foam Market Segmentation Insights

By Foam Type

Flexible Foam

Rigid Foam

Spray Foam

By Product

Polyurethane (PU)

Polystyrene (PS)

Polyolefin

Polyvinyl Chloride (PVC)

Other Products

By Application

Bedding & Cushioning

Medical Packaging

Medical Devices & Components

Prosthetics & Wound Care

Other Applications

By Geography

North America

United States

Canada

Mexico

Europe

Germany

United Kingdom

France

Italy

Spain

Rest of Europe

Asia-Pacific

China

Japan

India

Australia

South Korea

Rest of Asia-Pacific

Middle East & Africa

GCC

South Africa

Rest of Middle East & Africa

South America

Brazil

Argentina

Rest of South America

Medical Foam Market Regional Insights

North America represents the largest regional market, accounting for 33.21% of global revenue in 2025. The region is supported by established healthcare infrastructure, medical-device manufacturing capabilities, demand for advanced wound-care products, and the adoption of pressure-relief bedding and cushioning systems.

Europe maintains a significant market position, supported by established healthcare systems, demand for medical packaging and wound-care products, and increasing attention to material

sustainability and environmental requirements.

Asia-Pacific is projected to be the fastest-growing regional market, registering a CAGR of 9.28% during 2026–2031. Expanding healthcare infrastructure, increasing healthcare expenditure, rising demand for advanced wound care, and growth in regional manufacturing capacity are supporting market expansion.

The Medical Foam Market report is also available in the following languages:

Japanese: https://www.mordorintelligence.com/ja/industry-reports/medical-foam-market?utm_source=einpr

French: https://www.mordorintelligence.com/fr/industry-reports/medical-foam-market?utm_source=einpr

German: https://www.mordorintelligence.com/de/industry-reports/medical-foam-market?utm_source=einpr

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Portuguese: https://www.mordorintelligence.com/pt/industry-reports/medical-foam-market?utm_source=einpr

Medical Foam Market Competitive Landscape

The report describes the medical foam market as fragmented, with manufacturers competing across foam materials, medical components, wound-care products, packaging, and cushioning applications. Competition is influenced by material performance, product customization, regulatory requirements, manufacturing capabilities, application-specific requirements, and the ability to provide specialized medical-grade foam solutions. Leading participants include both specialized foam manufacturers and diversified chemical and healthcare-product companies.

Medical Foam Market Key Companies

- American Excelsior Company
- American Foam Products
- Heubach Corporation
- UFP Technologies Inc.

- Rogers Corporation
- General Plastics Manufacturing Company Inc.
- FXI
- Dow
- Huntsman International LLC
- 3M

Discover the latest trends, growth opportunities, and competitive developments in the Medical Foam Market:

https://www.mordorintelligence.com/industry-reports/medical-foam-market?utm_source=einpr

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Blood Flow Restriction Bands Market Size

The Blood Flow Restriction Bands Market is expected to grow from USD 302.41 million in 2026 to USD 406.99 million by 2031, registering a CAGR of 6.12%, supported by increasing adoption of low-load rehabilitation and strength training, growing sports medicine applications, and demand for controlled pressure-based training systems.

Infection Prevention Devices Market

The Infection Prevention Devices Market is projected to expand from USD 24.38 billion in 2026 to USD 33.02 billion by 2031, at a 6.25% CAGR, driven by growing healthcare-associated infection prevention requirements, stricter sterilization and disinfection standards, rising procedure volumes, and investments in validated reprocessing and monitoring solutions.

https://www.mordorintelligence.com/industry-reports/infection-prevention-devices-market?utm_source=einpr

Oral Care Products Market

The Oral Care Products Market is expected to grow from USD 34.36 billion in 2026 to USD 44.91 billion by 2031, at a 5.50% CAGR, supported by increasing preventive oral-care awareness, expanding e-commerce distribution, product innovation, and growing demand for specialized and premium oral-care formulations.

https://www.mordorintelligence.com/industry-reports/global-oral-care-products-market-industry?utm_source=einpr

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With a team of over 550 domain experts and on-ground specialists spanning 150+ countries, Mordor Intelligence possesses a unique understanding of the global business landscape. This expertise translates into comprehensive syndicated and custom research reports covering a wide spectrum of industries, including aerospace & defense, agriculture, animal nutrition and wellness, automation, automotive, chemicals & materials, consumer goods & services, electronics, energy & power, financial services, food & beverages, healthcare, hospitality & tourism, information & communications technology, investment opportunities, and logistics.

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