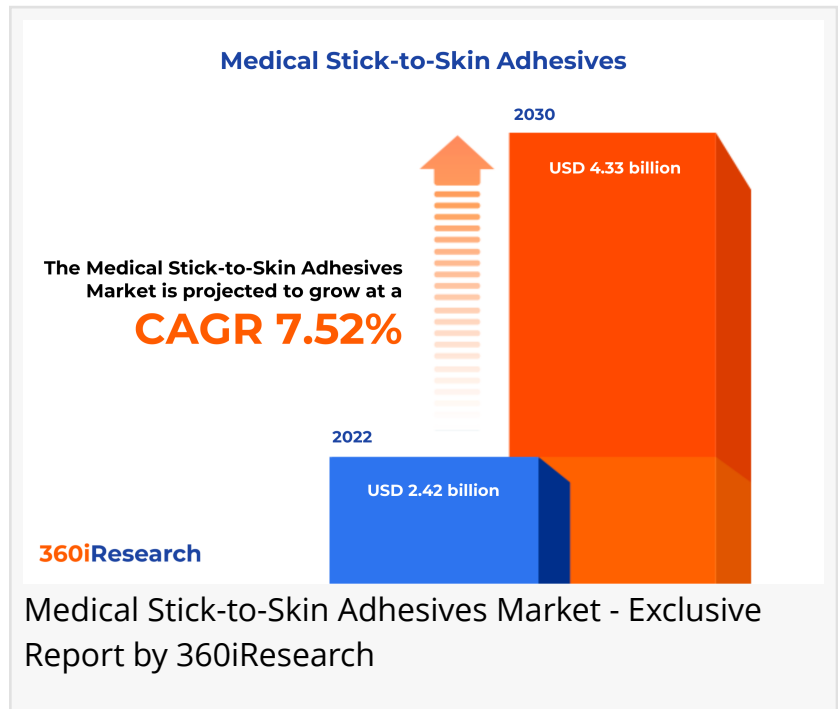


# Medical Stick-to-Skin Adhesives Market worth \$4.33 billion by 2030- Exclusive Report by 360iResearch

*The Global Medical Stick-to-Skin Adhesives Market to grow from USD 2.42 billion in 2022 to USD 4.33 billion by 2030, at a CAGR of 7.52%.*

PUNE, MAHARASHTRA, INDIA ,  
December 4, 2023 /EINPresswire.com/  
-- The "[Medical Stick-to-Skin Adhesives Market](#) by Type (Electrode Adhesives, Specialized Adhesives, Transdermal Drug Delivery Adhesives), Product (Acrylic-Based, Hydrogel-Based, Rubber-Based), Backing Material, Application, End Use - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.



The Global Medical Stick-to-Skin Adhesives Market to grow from USD 2.42 billion in 2022 to USD 4.33 billion by 2030, at a CAGR of 7.52%.

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Medical stick-to-skin adhesives are a class of bio-compatible adhesives used for attaching medical devices or dressings to the skin. They are formulated to provide secure attachment while minimizing potential skin irritation or damage upon removal. These adhesives are used in various medical scenarios, ranging from securing wearable devices and sensors to wound care dressings and surgical drapes. Medical stick-to-skin adhesives play a critical role in the management of chronic wounds, ostomy care, and the attachment of medical devices for monitoring vital signs. Further, increasing healthcare expenditures, along with advancements in medical technologies and a rising preference for minimally invasive surgeries, further contribute to market expansion. However, skin irritation and allergic reactions caused by adhesive materials

may limit the market growth. Further, regulatory compliance and the need for rigorous clinical testing to demonstrate safety and efficacy can also pose significant hurdles. Nevertheless, the development of novel, skin-friendly adhesive formulations that accommodate sensitive skin or allow for longer wear time without skin damage is expected to provide growth prospects for the market. Moreover, the integration of smart technologies for monitoring health parameters via wearable devices provides an avenue for expansion.

**Type:** Rising use of transdermal drug delivery adhesives for direct administration of medication  
Electrode adhesives are used to attach electrodes securely to the skin for various diagnostic and monitoring purposes, such as Electrocardiogram (EKG), Electromyography (EMG), and neurological examinations. These adhesives must adhere strongly but be gentle on the skin upon removal. Electrode adhesives are preferred for their reliability and conductivity, alongside hypoallergenic properties, to minimize skin irritation for patients with sensitive skin. Specialized adhesives encompass a wide array of adhesives customized for specific applications such as wound care, ostomy devices, and medical device attachments. These adhesives often require unique properties, including fluid resistance, extended wear, and varying levels of breathability. Medical professionals look for specialized adhesives that cater to the unique requirements of a patient's condition, with a focus on preventing skin damage and ensuring secure attachment for extended periods. Transdermal drug delivery adhesives are used in patches that administer medication directly through the skin. These adhesives must be compatible with the drug formulation and maintain adhesion for the duration of the medication release.

**End Use:** Evolving penetration of stick-to-skin adhesives in home care settings

In-home care settings, the emphasis is on products that are user-friendly and suitable for long-term wear. Patients or their caregivers require adhesives that are gentle on the skin, easy to apply and remove, and maintain adhesion over time, even with movement or moisture. The need for cost-effective solutions that can be used without professional assistance also drives preferences in this segment. The home care segment includes products tailored for elderly patients, post-operative care, and chronic wound management, among others. Adhesive patches, gentle tapes, and adhesive sprays are commonly used in this setting. Hospitals and clinics require adhesives that meet rigorous sterilization standards and can facilitate a high turnover of patients. Performance in challenging environments, including resistance to body fluids and compatibility with various sterilization methods, is critical. Hospitals also look for products that can support a broad range of medical applications, from surgery to diagnostics, requiring versatility and clinical efficacy.

**Product:** Use of silicone-based for minimal skin irritation

Acrylic-based adhesives are widely used due to their excellent long-term adhesion, clarity, and resistance to high temperatures and chemicals. Ideal for extended wear, they can be formulated to be hypoallergenic, which is crucial for sensitive skin applications. Due to their robust adhesion properties, acrylic-based adhesives are preferred when a secure bond is necessary over an extended period. This makes them suitable for products such as ostomy devices, surgical dressings, and long-term monitoring sensors. Hydrogel-based adhesives are renowned for their

gentle adhesion and are primarily composed of water-based gel formulations. They are particularly suitable for sensitive skin applications due to their breathability, flexibility, and hydration properties. These adhesives are preferred for applications necessitating minimal skin trauma upon removal, such as in pediatric and geriatric care or where repeated repositioning is required. Rubber-based adhesives are favored for their flexibility and strong initial tack. They are composed primarily of natural or synthetic rubbers and are often used for shorter wear applications. These adhesives are ideal for products requiring frequent changes where a strong and quick initial bond is essential, such as in bandages and medical tapes. Silicone-based adhesives are gaining popularity in medical applications due to their gentle yet reliable adhesion, minimal skin irritation, and pain-free removal. These characteristics make them well-suited for delicate skin and long-term wear.

**Application:** Proliferating usage of medical stick-to-skin adhesives for surgical purposes

Ostomy seals are used by individuals who have undergone ostomy surgery to ensure proper management of bodily wastes. These adhesives are critical for maintaining the integrity of ostomy appliances, including pouches and barriers. Ostomy seal adhesives are preferred for their hypoallergenic properties, ease of application, and strong yet skin-friendly adhesion to prevent leaks and skin irritation. In surgery, medical stick-to-skin adhesives are used for securing devices such as drapes, tubes, and monitoring equipment, as well as for wound closure systems. Surgeons and healthcare providers look for adhesives that offer strong bonding, minimal skin trauma, and ease of sterilization. Surgical adhesives are preferred options that deliver robust performance during operative procedures and can sustain various sterilization protocols. Wound dressing adhesives are utilized to secure dressings, bandages, and other wound care materials to the skin. These adhesives play important role in wound healing by protecting the wound from external contamination and maintaining a moist healing environment. For wound dressing applications, adhesives are selected based on their ability to conform to the skin, create a barrier against moisture and bacteria, and prevent any interference with the wound healing process.

#### Regional Insights:

The Americas region showcases strong growth for medical stick-to-skin adhesives owing to increasing chronic diseases such as diabetes and obesity in the Americas, leading to an increased need for medical interventions. Moreover, the Increasing elderly population in the region demands user-friendly and gentle stick-to-skin adhesives for chronic diseases and skin injuries. A well-developed healthcare system, coupled with high healthcare expenditure, especially in the United States and Canada, supports the adoption of modern medical adhesives. The EMEA region, notably the EU, has stringent regulations for medical products that prioritize patient safety and product quality, influencing demand for high-standard medical adhesives. Major economies in the EU region allocate significant resources to healthcare, which includes sophisticated medical devices that require medical adhesives. The presence of major medical adhesive companies in Europe drives innovation and adoption of new stick-to-skin technologies. In the APAC region, major economies are showing opportunistic prospects for the adoption of stick-to-skin adhesives owing to developments in healthcare systems and higher spending capacity on healthcare products. Governments in the region are focusing on expanding

healthcare access, increasing the number of hospitals and clinics that utilize medical adhesives. Furthermore, the surge in local manufacturing of medical products, including adhesives, contributes to market growth through accessibility and cost-effectiveness.

#### FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Medical Stick-to-Skin Adhesives Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

#### Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Medical Stick-to-Skin Adhesives Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

#### Key Company Profiles:

The report delves into recent significant developments in the Medical Stick-to-Skin Adhesives Market, highlighting leading vendors and their innovative profiles. These include 3M Company, Advanced Medical Solutions Group Plc, Ashland Inc., Avery Dennison Corporation, Baxter International Inc., Chemence Medical Inc., Cryolife, Inc., DermaMed Coatings Company, LLC, DuPont de Nemours, Inc., Dymax Corporation, Glaxosmithkline PLC, H.B. Fuller Company, Heartland Adhesives, LLC, Henkel AG & Co. KGaA, Mactac, a LINTEC Company, Master Bond Inc., Mativ Holdings, Inc., Medical Devices Business Services, Inc., Medtronic PLC, Nitto Denko Corporation, Ocular Therapeutix, Inc., Panacol-elosal GmbH, Permabond LLC, Procter & Gamble Company, and Smith & Nephew PLC.

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#### Market Segmentation & Coverage:

This research report categorizes the Medical Stick-to-Skin Adhesives Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Type, market is studied across Electrode Adhesives, Specialized Adhesives, and

Transdermal Drug Delivery Adhesives. The Transdermal Drug Delivery Adhesives is projected to witness significant market share during forecast period.

Based on Product, market is studied across Acrylic-Based, Hydrogel-Based, Rubber-Based, and Silicone-Based. The Acrylic-Based is projected to witness significant market share during forecast period.

Based on Backing Material, market is studied across Fabric, Paper, and Plastic. The Fabric is projected to witness significant market share during forecast period.

Based on Application, market is studied across Ostomy Seals, Surgery, and Wound Dressing. The Wound Dressing is projected to witness significant market share during forecast period.

Based on End Use, market is studied across Home Care Settings and Hospitals & Clinics. The Home Care Settings is projected to witness significant market share during forecast period.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Americas commanded largest market share of 38.16% in 2022, followed by Europe, Middle East & Africa.

#### Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Medical Stick-to-Skin Adhesives Market, by Type
7. Medical Stick-to-Skin Adhesives Market, by Product
8. Medical Stick-to-Skin Adhesives Market, by Backing Material
9. Medical Stick-to-Skin Adhesives Market, by Application
10. Medical Stick-to-Skin Adhesives Market, by End Use
11. Americas Medical Stick-to-Skin Adhesives Market
12. Asia-Pacific Medical Stick-to-Skin Adhesives Market
13. Europe, Middle East & Africa Medical Stick-to-Skin Adhesives Market
14. Competitive Landscape

## 15. Competitive Portfolio

## 16. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Medical Stick-to-Skin Adhesives Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Medical Stick-to-Skin Adhesives Market?
3. What is the competitive strategic window for opportunities in the Medical Stick-to-Skin Adhesives Market?
4. What are the technology trends and regulatory frameworks in the Medical Stick-to-Skin Adhesives Market?
5. What is the market share of the leading vendors in the Medical Stick-to-Skin Adhesives Market?
6. What modes and strategic moves are considered suitable for entering the Medical Stick-to-Skin Adhesives Market?

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