

# Medical Adhesive Tapes – A Global Market Overview

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## Abstracts

### Medical Adhesive Tapes Market Trends and Outlook

Medical adhesive tapes are specialized adhesive products used in healthcare settings for various applications such as securing medical devices, wound dressings, and surgical procedures. These tapes are designed to adhere securely to skin or other surfaces while being gentle enough to remove them without causing damage. They play a crucial role in wound management, providing support, protection, and facilitating healing processes. Medical adhesive tapes are available in varied materials, including acrylic, silicone, and rubber, each offering specific properties like adhesion strength, breathability, and hypoallergenicity to suit diverse medical needs.

The global market for Medical Adhesive Tapes is estimated at US\$9.8 billion in 2024 and is anticipated to register a CAGR of 6.3% during the 2024-2030 analysis period and stand at a projected US\$14.2 billion by 2030.

The Medical Adhesive Tapes market is driven by rising demand from chronic diseases, increasing hospital admissions, and an aging population. Advancements in tape technology, expanding home healthcare, and the growth of medical tourism further fuel market expansion. Additionally, higher investment in wound care management, increased surgical procedures, and heightened awareness of proper wound care drive market growth. Emerging markets with improving healthcare infrastructure and a shift towards eco-friendly products are key growth opportunities in this sector.

### Medical Adhesive Tapes Regional Market Analysis

North America is anticipated to dominate the medical adhesive tapes market during the forecast period with an estimated share of 38% in 2024, driven by increasing hospital admissions and the rising adoption of elective procedures. Additionally, the expanding

elderly population and increasing medical tourism will further boost market growth in North America. On the other hand, the Asia Pacific medical adhesive tapes market is projected to register the fastest CAGR of 9.2% from 2024 to 2030. The rapid increase in surgeries and subsequent high demand for tapes in countries like China, Japan, and India, due to their larger patient pools, will drive this growth. The region's growing medical industries and significant future opportunities, especially in developing countries, are expected to lead to significant market development over the next few years.

### Medical Adhesive Tapes Market Analysis by Resin Type

Based on resin type, the acrylic segment led the medical adhesive tapes market in 2024 with an estimated 41.9% market share, driven by its strong initial tack, low skin sensitivity, residue-free removal, humidity and heat resistance, latex-free composition, and versatility in lamination onto various surfaces like foams and film dressings. Meanwhile, the silicone segment is expected to register the fastest CAGR of 8.2% during the forecast period from 2024 to 2030. This growth is fueled by silicone tapes' repositionable nature, which allows for extended wear time without dressing replacement, facilitates wound observation, and aids in scar minimization, making them increasingly preferred in scar management globally.

### Medical Adhesive Tapes Market Analysis by Backing Material

In terms of backing material, the paper segment is expected to dominate the medical adhesive tapes market with an estimated share of 36.7% in 2024. This is driven by its cost-effectiveness, patient compliance, and suitability for medical applications due to its strength, flexibility, and breathability. Paper adhesive tapes facilitate good aeration and moisture absorption, making them ideal for skin-contact applications, and are customizable in width and length to meet diverse medical needs, supporting segment growth. Meanwhile, the fabric segment, including materials like cotton, silk, polyester, and nylon, is expected to record the fastest CAGR of 7.8% from 2024 to 2030. Fabric-backed tapes provide strong tensile strength, tear resistance, and improved breathability, making them well-suited for extended-wear applications such as wearable diagnostic devices.

### Medical Adhesive Tapes Market Analysis by Application

Based on application, the surgery segment is expected to dominate the medical adhesive tapes market with an estimated 32% share in 2024. This dominance is linked

to the increased number of surgical procedures, where medical adhesive tapes are essential for securing tissue and aiding wound healing. The wound dressing segment is projected to record the fastest CAGR of 7.3% from 2024 to 2030. The rising use of medical adhesive tapes in wound dressing applications, especially for chronic and acute wounds like diabetic foot ulcers, venous leg ulcers, and pressure ulcers, drives this growth. The demand is further supported by the increasing focus of manufacturers on specialized tapes for different wound dressing stages and the overall rise in acute and chronic wound incidences.

### Medical Adhesive Tapes Market Report Scope

This global report on Medical Adhesive Tapes analyzes the market based on resin type, backing material and application sector. In addition to providing profiles of major companies operating in this space, the latest corporate and industrial developments have been covered to offer a clear panorama of how and where the market is progressing.

### Key Metrics

Historical Period: 2021-2023

Base Year: 2023

Forecast Period: 2024-2030

Units: Value market in US\$

Companies Mentioned: 15+

### Medical Adhesive Tapes Market by Geographic Region

North America (The United States, Canada, and Mexico)

Europe (Germany, France, The United Kingdom, Spain, Italy, Russia, and Rest of Europe)

Asia-Pacific (Japan, China, India, South Korea, and Rest of Asia-Pacific)

South America (Brazil, Argentina, and Rest of South America)

Rest of World

## Medical Adhesive Tapes Market by Resin Type

Acrylic

Silicone

Rubber

Other Types (Including Hybrid and Other Specialized Adhesive Tapes)

## Medical Adhesive Tapes Market by Backing Material

Paper

Fabric

Plastic

Others (Including Foam, Woven, Non-woven, and Metal Foil)

## Medical Adhesive Tapes Market by Application

Surgeries

Wound Dressings

Secure IV Lines

Ostomy Seals

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Lohmann GmbH & Co. KG

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