

**Tissue Adhesives Market Research Report by Type [Synthetic & semi-Synthetic Adhesives (Cyanoacrylates, Polyethylene Glycol, Gelatin-Formaldehyde, Others), Natural Adhesives (Fibrin, Collagen, Dextran, Chitosan, Others)], by Application [Surgery (Cardiovascular Surgery, Orthopedic Surgery, General Surgery, Neurosurgery, Plastic & Reconstructive Surgery, Ophthalmic Surgery, Urological Surgery, Thoracic Surgery, Others), Wound Care, Burn Treatment], by End User (Hospitals and Specialty Clinics, Ambulatory Surgical Centers, Research Laboratories & Institutes), and by Region (North America, Europe, Asia Pacific, Rest of the World) Forecast till 2035**

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## Industry Overview

The global tissue adhesives market is projected to rise from USD 2,649.88 million in 2024 to USD 6,892.51 million by 2035, growing at a CAGR of 9.06%. Tissue adhesives are bio-compatible compounds used in surgeries or accidents that are placed on the tissue surfaces to bond them. These products, in contrast to a traditional stitch, provide easy handling, rapid action, reduced discomfort to patients, and effective sealing. These are beneficial both in an emergency and in elective surgery.

The rising global volume of surgical procedures is a major driver of the tissue adhesives market. With over 360 million surgeries performed annually, adhesives are increasingly preferred over sutures for faster application, reduced infections, and shorter recovery. Their adoption across specialties like dermatology, orthopedics, and cardiovascular care highlights their critical role in advancing surgical efficiency and patient outcomes.

## Key Company Development

B. Braun is driving growth through innovation, R&D, and digital integration. The company focuses on hospital efficiency, advanced infusion solutions, and robotics. By aligning with customer needs, B. Braun strengthens its position in healthcare technology and patient-centric solutions. In Hospital Care, B. Braun is enhancing efficiency with innovative infusion management and integrated medication solutions. Aesculap is expanding its expertise in robotics and digitalization to address complex surgical demands, while Avitum is strengthening its portfolio with connected dialysis therapies, including chronic, acute, and apheresis treatments. By seamlessly integrating products with digital platforms and prioritizing patient-centric care, B. Braun aims to deliver flexible, efficient, and sustainable healthcare solutions that address evolving market requirements and global health challenges.

## Major Players

Key players in the global tissue adhesives market are Meyer Haake GmbH, Essity, Zhejiang Perfectseal, Baxter, Chemence Medical, Inc., H.B. Fuller Medical Adhesive Technologies, LLC., Becton, Dickson and Company (BD), B. Braun, Artivion, GEM SRL, Advanced Medical Solutions (AMS), and Cohera Medical, Inc.

## Report Attribute□Details

Market Size 2024□USD 2,649.88 Million

Market Size 2035□USD 6,892.51 Million

CAGR (2025-2035)□9.06%

Base Year□2024

Market Forecast Period□2025-2035

Historical Data□2019, 2022, 2023

## Industry Segmentations (CAGR, 2025-2035)

By Type: Synthetic & Semi-Synthetic Adhesives - 8.30%, Natural Adhesives - 10.20%.

By Application: Surgery- 9.04%, Wound Care - 10.42%.

By End User: Hospitals and Specialty Clinics - 8.62%, Ambulatory Surgical Centers (ASCs) - 10.13%.

## Regional Analysis

The North American tissue adhesives market is known for its strong technological leadership and positive regulatory environment. The use of adhesives for wound closure is increasing in hospitals and ambulatory surgical centers in the US and Canada as they seek to reduce surgical complications and provide patient comfort. The U.S. and Canada are the leading markets in North America's tissue adhesives sector, with 2024 values of USD 913.72 million and USD 199.90 million. Large-scale adoption is also facilitated by high healthcare spending and strong insurance penetration.

Europe is a major growth driver for the market, based on the well-organized institutional healthcare framework and rising emphasis on patient-centric innovations. Germany leads the tissue adhesives market with a 2024 value of USD 202.81 million, followed by the UK at USD 152.90 million and France at USD 127.60 million. The region has also experienced a rise in reconstructive and plastic surgeries, which are the main applications of tissue adhesives.

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The Asia-Pacific market is the one with the highest growth rate. China leads the tissue adhesives market with USD 134.08 million in 2024, followed closely by Japan at USD 112.07 million and India at USD 98.85 million. The reasons are the growing surgical demand in China and India, the innovations in Japan, and the strong adoption in Australia and South Korea. The Rest of the World experiences fluctuating growth, Latin America is getting advantages from cosmetic surgeries and medical tourism, the Middle East is investing in advanced care, while Africa is seeing a slow adoption through donor and multinational support.

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