

Adhesion Barriers Market Report by Product (Synthetic, Natural), Formulation (Film, Liquid, Gel), Application (Gynecological Surgeries, General/Abdominal Surgeries, Cardiovascular Surgeries, Orthopedic Surgeries, Neurological Surgeries, Reconstructive Surgeries, Urological Surgeries, and Others), and Region 2024-2032

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Abstracts

The global adhesion barriers market size reached US\$ 1,048.2 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 1,822.1 Million by 2032, exhibiting a growth rate (CAGR) of 6.1% during 2024-2032.

An adhesion barrier refers to a liquid-, gel- or film-based medical implant that is used by surgeons to minimize the risks of postoperative adhesion formation between internal organs. It is applied to a layer of tissues before sealing them, thus preventing the formation of scar tissues (adhesion) and separating the tissues from the organs. The synthetic adhesion barriers are manufactured using hyaluronic acid, regenerated cellulose and polyethylene glycol, whereas the natural variants are made using collagen, fibrin and proteins. They are most commonly used in abdominal, orthopedic, gynecological, reconstructive, cardiovascular and urological surgeries.

Significant growth in the healthcare sector and the increasing prevalence of chronic lifestyle diseases, along with the rising geriatric population across the globe, are among the key factors driving the growth of the market. The treatment of various disorders, such as cardiovascular diseases (CVDs), obesity and gastric ailments, require numerous invasive procedures that may have a high risk of postoperative complications, thereby resulting in the increasing utilization of adhesion barriers. This,

along with increasing awareness regarding the benefits of using adhesive barriers for postoperative procedures, is providing a boost to the market growth. Post-surgical adhesions are a common complication in surgeries and adhesion barriers play a crucial role in preventing adverse effects, such as impaired organ functioning, bowel obstruction, decreased fertility, difficult re-operation and extreme discomfort. Additionally, various technological advancements, such as the development of sheet- and spray-type adhesion barriers that are more effective and convenient to use during laparoscopic procedures, are acting as another growth-inducing factor. Other factors, including rising healthcare expenditures and increasing cases of sports-related injuries, are projected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global adhesion barriers market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, formulation and application.

Breakup by Product:

- Synthetic
- Natural

Breakup by Formulation:

- Film
- Liquid
- Gel

Breakup by Application:

- Gynecological Surgeries
- General/Abdominal Surgeries
- Cardiovascular Surgeries
- Orthopedic Surgeries
- Neurological Surgeries
- Reconstructive Surgeries
- Urological Surgeries
- Others

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Anika Therapeutics, Inc., Atrium Medical Corporation, Baxter International, Inc., Betatech Medical, C. R. Bard, Inc., FzioMed, Inc., LifeSciences Corporation, Medical Devices Business Services, Inc., MAST Biosurgery Inc., and Groupe Sanofi, etc.

Key Questions Answered in This Report

1. What was the size of the global adhesion barriers market in 2023?
2. What is the expected growth rate of the global adhesion barriers market during 2024-2032?

3. What are the key factors driving the global adhesion barriers market?
4. What has been the impact of COVID-19 on the global adhesion barriers market?
5. What is the breakup of the global adhesion barriers market based on the product?
6. What is the breakup of the global adhesion barriers market based on the formulation?
7. What is the breakup of the global adhesion barriers market based on application?
8. What are the key regions in the global adhesion barriers market?
9. Who are the key players/companies in the global adhesion barriers market?

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