

# **Global Surgical Sponges Market Size Study, By Type (X-Ray Detectable Sponges, Cotton Gauze Sponges, Laparotomy Sponges, Nonwoven Sponges, Other Surgical Sponges), By Material (Cotton, Rayon, PVA, Other Materials), By Shape (Round & Cylindrical, Square & Rectangle, Other Shapes), By Sterility (Sterile Surgical Sponge, Non-Sterile Surgical Sponge), By Application (General Surgery, Neurosurgery, Laparotomy, Dental Surgery, ENT Surgery, Other Applications), By End Use (Hospitals & Ambulatory Surgery Centers, Specialty Clinics), and Regional Forecasts 2022–2032**

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## **Abstracts**

The global surgical sponges market is anticipated to experience significant growth USD 0.75 billion in 2023, the market size reaching USD 1.49 billion by 2032, growing at a robust CAGR of 7.9% during the forecast period 2024–2032. This expansion is driven by advancements in healthcare infrastructure, rising surgical procedures, and a focus on infection prevention and patient safety.

Surgical sponges are indispensable in medical procedures, used to absorb fluids and maintain clear visibility during surgeries. The aging population, rising chronic disease prevalence, and increasing trauma cases are propelling the demand for these critical surgical tools. The market is seeing a trend toward the adoption of technologically advanced, antimicrobial, and radiopaque sponges that enhance safety and mitigate

risks, such as retained surgical items, improving surgical outcomes.

Stringent infection control regulations and awareness of hospital-acquired infections (HAIs) are fostering innovation in surgical sponge designs, offering significant opportunities for market players. Investments in advanced product development and compliance-focused manufacturing are key drivers for market growth, aligning with the healthcare sector's emphasis on improved patient care.

The market is highly competitive, with companies engaging in mergers, acquisitions, and strategic partnerships to expand their product portfolios and geographic reach. North America leads in market share due to its advanced healthcare infrastructure and high surgical procedure rates, while the Asia Pacific region is expected to witness the fastest growth, supported by increasing awareness and healthcare investments.

Major Market Players Included in this Report:

Johnson & Johnson Services, Inc.

Medline Industries, LP

Cardinal Health

Integra LifeSciences Corporation

Dynarex Corporation

3M

Medicom

McKesson Corporation

Dukal, LLC

DeRoyal Industries, Inc.

The detailed segments and sub-segments of the market are explained below:

## By Type

X-Ray Detectable Sponges

Cotton Gauze Sponges

Laparotomy Sponges

Nonwoven Sponges

Other Surgical Sponges

## By Material

Cotton

Rayon

PVA

Other Materials

## By Shape

Round & Cylindrical

Square & Rectangle

Other Shapes

## By Sterility

Sterile Surgical Sponge

Non-Sterile Surgical Sponge

## By Application

General Surgery

Neurosurgery

Laparotomy

Dental Surgery

ENT Surgery

Other Applications

## By End Use

Hospitals & Ambulatory Surgery Centers

Specialty Clinics

## By Region

North America (U.S., Canada)

Europe (Germany, UK, France, Italy, Spain, Rest of Europe)

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

Latin America (Brazil, Mexico, Rest of Latin America)

Middle East & Africa (Saudi Arabia, South Africa, Rest of Middle East & Africa)

Years considered for the study are as follows:

Historical Year – 2022

Base Year – 2023

Forecast Period – 2024 to 2032

**Key Takeaways:**

Detailed segmental and regional analysis.

Competitive landscape insights with key strategies and trends.

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations for future market approaches.

Demand-side and supply-side analysis of the market.

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