

# Global Sterilization Wrap Market Size Study & Forecast, by Material (Plastic & Polymer, Paper & Paperboard, Others), by End Use (Hospitals, Retail Pharmacies, Others) and Regional Analysis, 2023-2030

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## Abstracts

Global Sterilization Wrap Market is valued at approximately USD 362.81 Million in 2022 and is anticipated to grow with a healthy growth rate of more than 3.34% over the forecast period 2023-2030. Sterilization wrap, also known as sterilization packaging or surgical wrap, is a specialized material designed to maintain the sterility of medical instruments and supplies during storage and transportation. Typically made from non-woven polypropylene or other suitable materials, sterilization wrap serves as a physical barrier that protects medical devices from contamination by bacteria, viruses, and other pathogens. The material is permeable to sterilizing agents such as steam, ethylene oxide, or hydrogen peroxide, allowing the penetration of these agents during the sterilization process while preventing the entry of microorganisms after sterilization. The market is being driven by factors such as an increasing number of clinical trials for novel product launches, rising cases of chronic diseases, and increasing prevalence of Hospital Acquired Infections (HAIs).

The rising occurrence of Hospital Acquired Infections (HAIs) stands as a significant driving force behind the expanding sterilization wraps market. HAIs, which refer to infections contracted by patients while in a hospital or healthcare facility, are often linked to the presence of harmful microorganisms on medical equipment, instruments, and surfaces. Sterilization wraps play a vital role in preventing the spread of these microorganisms by maintaining the sterility of medical tools during their transport and storage. For instance, as of May 2023, the European Centre for Disease Prevention and Control (ECDC) estimates that 3.1 million to 4.6 million people in Europe acquire HAIs

annually. Furthermore, recent 2022 reports from the World Health Organization (WHO) highlight the increasing prevalence of Healthcare-Associated Infections (HAIs) in acute-care hospitals. The reports reveal that in high-income nations, approximately 7 out of every 100 patients are at risk of acquiring at least one HAI during their hospitalization, while in low- and middle-income nations, this number is higher, affecting around 15 out of every 100 patients. In addition, the rise in surgical procedures and increasing investment in healthcare are creating new opportunities for market growth. However, the increasing adoption of single-use instruments and customs and import regulations stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Sterilization Wrap Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022. The market is poised to witness trends shaped by advancements in material technology for sterilization wraps. Manufacturers are expected to prioritize the development of materials with enhanced microbial barrier properties that are both cost-effective and environmentally sustainable. Furthermore, the increasing prevalence of Hospital Acquired Infections (HAIs) is driving the demand for sterilization wraps in Canada. Asia Pacific is expected to grow at the fastest rate during the forecast period, driven by a heightened demand for healthcare facilities and increased awareness of infection control practices. The rising frequency of surgeries and medical procedures conducted in hospitals and clinics necessitates the efficient sterilization of medical equipment and devices. As a result, there has been a noticeable increase in the adoption of sterilization wraps in the region, given their essential role in the sterilization process. The market is poised for continuous expansion in the upcoming years, as it is expected to maintain its growth momentum. This growth is anticipated to be fueled by the introduction of innovative and advanced products, coupled with an enhanced emphasis on both patient safety and infection control measures.

Major market players included in this report are:

Medline Industries, LP

STERIS

Cardinal Health

Crosstex International, Inc.

Ahlstrom

McKesson Medical-Surgical Inc.

Propper Manufacturing Co., Inc.

Berry Global Inc.

Narang Medical Limited

Dynarex Corporation

Recent Developments in the Market:

In May 2023, Ahlstrom expanded its product offerings in the medical sector by introducing Reliance Fusion, an advanced sterilization wrap designed to streamline the sterilization process for surgical equipment trays in hospital settings. This innovative solution aims to enhance operational efficiency within healthcare facilities.

In January 2023, Life Science Outsourcing, Inc. successfully concluded the acquisition of J-Pac Medical, a firm specializing in providing manufacturing, packaging, and sterilization outsourcing services for medical device and diagnostic companies.

Global Sterilization Wrap Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Material, End Use, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent to up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define the market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters to detailed information about the crucial aspects such as driving factors & challenges that will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material:

Plastic & Polymer

Paper & Paperboard

Others

By End Use:

Hospitals

Retail Pharmacies

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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