

Medical Device Packaging Market: Segmented By Packing Type (Primary, Secondary, and Tertiary); By Product (Bags & Pouches, Boxes, Trays, and Others); By Material (Polymer, PVC, Polyethylene Terephthalate (PET), Paper & Paperboard, PE and Others); By Application (Medical Tools & Equipment, Medical Devices, In-Vitro Diagnostic Products, and Implants) and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030

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Abstracts

176+ Pages Research Report Global Medical Device Packaging Market to surpass USD 80.91 billion by 2030 from USD 30.32 billion in 2020 at a CAGR of 6.67% in the coming years, i.e., 2021-30.

Product Overview

Medical Device Packaging provides protection as well as ensures sterility of the medical devices during the shelf life. The critical need of maintaining the sterile barrier system (SBS) is a distinguishing feature of medical device packaging. It functions as a barrier to keep microorganisms out of the product and safeguard the medical devices from contamination, physical damage, and any kind of mechanical damage during shipping and storage. Medical device packaging also performs advertising and communication functions. The packaging conveys information regarding the product such as warnings, directions, and benefits. Product identification is a critical part of package communication. This is especially true for medical devices that are used in institutional

settings, such as hospitals, where personnel may be pressed for time to select the suitable device for a patient.

Market Highlights

Global Medical Device Packaging Market is expected to project a notable CAGR of 6.67% in 2030.

The growth of the market is attributed to increased demand for innovative packaging solutions, rising prevalence of chronic disorders, advent of technology supporting R&D activities, and growing concern towards the environment coupled with the increased expenditure on healthcare infrastructure.

Global Medical Device Packaging Market: Segments

Polymer segment to grow with the highest CAGR during 2020-30

Global Medical Device Packaging Market is segmented by Material into Polymer, PVC, Polyethylene Terephthalate (PET), PE, Paper & Paperboard and Others. Medical Polymer is expected to grow with the highest CAGR during the forecast period. Polymer is the most widely used material in the medical packaging industry. Polymers are materials that consist of long, repeating chains of molecules. The materials have distinct properties that depend on the kind of molecules bound and the way they are bonded. These polymers are better suited to medical applications since they are lighter, more biocompatible, and less expensive.

Medical Tools & Equipment segment to grow with the highest CAGR during 2020-30

Global Medical Device Packaging Market is segmented by Application into Medical Tools & Equipment, Medical Devices, In-Vitro Diagnostic Products, and Implants. Medical Tools & Equipment is expected to grow with the highest CAGR during the forecast period. Medical tools and equipment include apparatus, machines, and implants that do not contain medicines and are used to prevent, diagnose, cure, or alleviate illness in humans, as well as to build structures and improve body functions. Special care has to be taken in transportation, sterility, and a high level of care is required in handling the medical tools and equipment.

Market Dynamics

Drivers

Rising prevalence of chronic diseases

Rising prevalence of chronic illnesses such as hypertension, diabetes, and cancer is a significant factor projected to expand the market growth during the assessment period. In addition, a growing geriatric population that is more prone to chronic disorders would demand implantable devices, monitoring & diagnostic equipment which in turn is

expected to propel the demand for medical device packaging.

Growing investments in the healthcare sector

Increasing investment in healthcare and growing R&D activities, particularly in developing countries is bound to furnish the market growth. The increased R&D activities have resulted in the development of newer and more efficient medical devices and drugs for diagnosis and treatment. Furthermore, manufacturers are concentrating their efforts on preventing the entry of counterfeit products into the market and thus broadened the investments in the medical device packaging industry.

Restraint

Stringent rules & regulations

Stringent rules and regulations associated with packing materials and packing services is anticipated to hamper the global medical device packaging growth. The US Food and Drug Administration (FDA) recognizes ISTA testing as an authorized standard for medical device packaging. Inappropriate designed and validated packaging will not meet these standards, causing the product launch to be delayed and the company's reputation to suffer.

Global Medical Device Packaging Market: Key Players

3M Group

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

DowDuPont

Mitsubishi Chemical

Sonoco

Berry Global Inc.

WestRock

Avery Dennison

KI?ckner Pentaplast.

Constantia Flexibles

Constantia Flexibles

Other Prominent Players

Global Medical Device Packaging Market: Regions

Global Medical Device Packaging Market is segmented based on regional analysis into

five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. Global Medical Device Packaging in Asia Pacific held the largest market share of XX.X% in the year 2020 due to the increasing demand from developing countries like China & India. Besides rising development activities and rapid economic expansion, propelling occurrence rate of various diseases and the increasing population in the region provide a significant consumer base for the aging population, which is predicted to drive the medical device packaging industry forward.

Global Medical Device Packaging Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global Medical Device Packaging Market report also contains analysis on:

Medical Device Packaging Market Segments:

By Packing Type

Primary Packaging

Secondary Packaging

Tertiary Packaging

By Application

Medical Tools & Equipment

Medical Devices

In-Vitro Diagnostic Products

Implants

By Material

Polymer

PVC

Polyethylene Terephthalate (PET)

PE

Paper & Paperboard

Nonwoven material

Others

By Product

Bags & Pouches

Trays

Boxes

Others

Medical Device Packaging Market Dynamics

Medical Device Packaging Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Medical Device Packaging Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2020 USD 30.32 billion

Revenue forecast in 2030 USD 80.91 billion

Growth Rate CAGR of 6.67% from 2021 to 2030

Base year for estimation 2020

Quantitative units Revenue in USD billion and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Product, Material, Packing Type Application, and Region

Regional scope North America; Europe; Asia Pacific; Latin America; Middle East & Africa (MEA)

Key companies profiled 3M, DuPont, Sonoco Products Company, Klockner Pentaplast, Mitsubishi Chemical Berry Global Inc., Constantia Flexibles, and others. Other Prominent Players.

Frequently Asked Questions

How big is the Medical Device Packaging Market?

What is the Medical Device Packaging Market growth?

Which segment accounted for the largest Medical Device Packaging Market share?

Who are the key players in the Medical Device Packaging Market?

What are the factors driving the Medical Device Packaging Market?

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Consultant Recommendation

**The above-given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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