

Cleanroom Consumables Market: Segmented By Product (Wipers, Gloves, Cleaning Products, and Others): By Application (Electronic Industry, Medical Device, Laboratory, and Others), and Region - Global Analysis of Market Size, Share & Trends for 2019-2020 and Forecasts to 2030

<https://marketpublishers.com/r/C5F1D24695CBEN.html>

Date: May 2022

Pages: 156

Price: US\$ 5,000.00 (Single User License)

ID: C5F1D24695CBEN

Abstracts

[179+ Pages Research Report] The Cleanroom Consumables Market to surpass USD 15.88 billion by 2030 from USD 9.77 billion in 2020 at a CAGR of 4.98% within the coming years, i.e., 2020-30.

Product Overview

A cleanroom or cleanroom is a facility that is typically used as part of specialized industrial manufacturing or scientific research, including the manufacture of pharmaceutical items, integrated circuits, LCD, OLED, and micro-LED displays. Cleanrooms are designed to hold extremely low concentrations of particles, such as dust, airborne organisms, or vaporized particles. Cleanrooms are typical of a cleanliness level quantified by the number of particles per cubic meter in a predetermined amount of molecule. Cleanrooms can be very large Entire production facilities can be housed in a clean room with a factory floor space of thousands of square meters. There are also modular clean rooms. Special lighting fixtures, walls, equipment, and other materials to minimize the formation of airborne particles. Plastic films can be used to limit the air temperature and humidity in the air turbulence Clean room. are strictly controlled. Static electricity can be controlled by ionizing rods.

Market Highlights

Cleanroom Consumables Market is predicted to project a notable CAGR of 4.98% in

2030.

The high demand for products such as goggles, gloves, surgical masks, and gowns creates revenue streams for the players in the global Cleanroom Consumables Market. The changing nature of coronavirus strains has led health professionals to embrace antiviral drug and vaccine innovations. Pollution has become a priority for cleanroom professionals. Suppliers maintain strong supply chains for end-users in hospitals, research laboratories, and the pharmaceutical industry. The increasing variety of substrate materials, increasing acceptance in the aerospace, optics, defense, and food industries, and the increasing demand and popularity of sterilized pharmaceutical formulations are other factors driving the Cleanroom Consumables Market.

Recent News and Developments:

In April 2020, DuPont launched The Tyvek Together Program for increasing the protective garment supply. Under this initiative, the company aimed to deliver six million additional non-surgical isolation gowns per month.

In September 2020, Ansell Ltd, collaborated with DuPont in the #TyvekTogether Program to manufacture gown in response to the COVID-19 pandemic. Moreover, Ansell Ltd. launched the #NetworkofHeroes program for providing support to the non-PPE manufacturers with the capacities and necessary equipment.

Cleanroom Consumables Market: Segments

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

Cleanroom Consumables Market is segmented by Product into Wipers, Gloves, Cleaning Products, and Others. The Gloves segment is anticipated to hold the largest revenue of the Cleanroom Consumables Market. Gloves are widely used in electronic, pharmaceutical, and medical devices to control and prevent contamination in clean manufacturing floors. The segment is expected to grow, driven by factors such as increasing innovation, the growth of the aging population that needs medical care, and the increase in the prevalence of chronic diseases. In addition, the steady growth of the electronics industry due to high-demand technologies such as the Internet of Things (IoT) drives growth in the segment.

Electronic Industry segment to grow with the highest CAGR during 2020-30

Cleanroom Consumables Market is segmented by Application into Electronic Industry, Medical Device, Laboratory, and Others. The electronics industry segment represented an important part of the market due to the high demand for electronic devices. Increasing demand for integrated circuits, sensors, and other electronic components in new technologies such as cloud computing, IoT, virtual reality (VR), artificial intelligence

(AI), 3D printing, and office automation (IT & OA) are driving the segment growth.

Market Dynamics

Drivers

Enhance performance and better-quality products

Improved yields and better product quality have driven the growth of organic products over the past five years. In addition, the increasing demand and popularity of sterile pharmaceutical formulations and the development of medical devices are expected to increase the demand for cleanroom consumables. With the addition of ultra-protective goggles, the Cleanroom Consumables Market is booming. Manufacturers integrate anti-fog protection in masks that are visually clear and light.

Improving quality and safety for healthcare products

The focus on improving the quality and safety of medical devices is expected to increase the use of cleanroom consumables in the healthcare sector and the implementation of favorable rules and regulations for the use of cleanroom consumables in the healthcare sector are expected to drive the development of the Cleanroom Consumables Market.

Restraints

High Cost as a barrier

The high cost of cleanroom consumables is seen as a hindrance to the growth of the Cleanroom Consumables Market. The presence of market participants offering bespoke cleanroom consumable plans/designs is likely to increase competition for existing market participants. Not too slippery is a challenge for manufacturers and requires constant operator training. Therefore, manufacturers consider the size, length, cuffs, packaging, tactile sensitivity, and barrier integrity of gloves in order to offer bespoke products.

COVID-19 Impact on the Cleanroom Consumables Market

The COVID-19 pandemic is expected to drive the growth of the global cleanroom supplies market over the forecast period. The COVID-19 pandemic and the resulting lockdowns in various countries around the world have impacted the financial health of companies in all sectors. On the COVID-19 pandemic; the closure disrupted the supply, distribution, and manufacturing of medical supplies worldwide; Additionally, due to social distancing, the influx of clinics and healthcare facilities has decreased by more than 70% during this pandemic, negatively impacting the growth of the market in the number of surgical interventions.

Cleanroom Consumables Market: Key Players

BASF SE

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

Bayer AG

The Dow Chemical Company

Mitsubishi Chemical Holdings Corporation

PPG industries

Linde Group

Akzo Nobel

LyondellBasell Industries

Asahi Kasei

Sumitomo chemicals

Evonik Industries

Cleanroom Consumables Market.: Regions

The Cleanroom Consumables 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. The Asia-Pacific region is expected to dominate the Cleanroom Consumables Market in the years to come. The Asia-Pacific region is by far the largest market for basic chemicals and accounts for almost half of the total market. North America and Europe follow. In the Asia-Pacific region, growth prospects remain high attributed to the growing economy and the current trend and support of the manufacturing sector in developing countries like India, China, and Indonesia.

Cleanroom Consumables 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

Cleanroom Consumables Market report also contains analysis on:

By Product

Wipers

Gloves

Cleaning Products

Others

By Application

Electronic Industry

Medical Device

Laboratory

Others

Cleanroom Consumables Market Dynamics

Cleanroom Consumables Market Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Cleanroom Consumables Market Report Scope and Segmentation

Report Attribute Details

Market size value in 2020 USD 9.77 billion

Revenue forecast in 2030 USD 15.88 billion

Growth Rate CAGR of 4.98% from 2021 to 2030

Base year for estimation 2020

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

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

Segments covered Product, Application, and Region

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

Key companies profiled BASF SE, Bayer AG, The Dow Chemical Company, Mitsubishi

Chemical Holdings Corporation, PPG Industries, Linde Group, Akzo Nobel,

LyondellBasell Industries, Asahi Kasei, Sumitomo chemicals, Evonik Industries

Frequently Asked Questions

How large is the Cleanroom Consumables Market?

Which segment is projected to bolster the Market share in the future?

Which regional market is highly dominating Cleanroom Consumables Market?

What are the factors driving the Cleanroom Consumables Market?

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6. LINDE GROUP

7. AKZO NOBEL

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11. EVONIK INDUSTRIES

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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.

I would like to order

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