

Surgical Mask & Respirator - Market Insight, Competitive Landscape and Market Forecast - 2027

Medical Market (7-10 Business Days) | 2022-07-01 | 100 pages | DelveInsight

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Report description:

Surgical Mask and Respirator Market By Product Type (Surgical Mask [Basic Surgical Mask, Anti-Fog Surgical Mask, Fluid Or Splash Resistant Surgical Mask, And Others] And Respirator [N- Series, P- Series, And R- Series]), By Usability Type (Disposable And Reusable), By Distribution Channel (Hospital & Clinical Pharmacy, E-Commerce, And Others), by geography is expected to grow at a healthy CAGR forecast till 2027 owing to the rising demand of surgical procedure due to increasing prevalence of chronic disorders and increasing demand of protective equipments after pandemic

Global surgical mask and respirator market is estimated to grow at a CAGR of 5.31% during the forecast period from 2022 to 2027. The increase in demand for surgical mask and respirator is primarily attributed to the increasing number of surgeries due to increasing prevalence of chronic disorders. Further, the surge in epidemic and pandemic outbreaks will increase the overall market of surgical mask and respirators as the these devices are used to prevent the transmission of virus. Additionally, the increasing prevalence of airbone and respiratory disorders due to the excessive exposure to pollution and chemicals across the world are anticipated to bolster the market, thereby contributing to the growth of the surgical mask and respirator market during the forecast period from 2022-2027.

Surgical Mask and Respirator Market Dynamics:

The surgical mask and respirator market is witnessing a growth in product demand owing to various reasons. The rise in the number surgical procedures due to increasing chronic disorders will increase the demand of surgical mask and respirator in the market. Additionally, the increasing prevalence of airbone and respiratory disorders due to excess exposure to pollution and chemicals, across the world are anticipated to bolster the market.

For instance, according to American Academy of Facial Plastic And Reconstructive Surgery, Inc., 2022, it was estimated that about 1.4 million surgical and non-surgical plastic procedures were done in the North America in the year 2021. Surgical masks are used to prevent the transmission of the infection in the surgical room. Thus, the increasing number of surgical procedures will increase the demand of surgical masks in the market thereby increasing the overall market growth of the surgical mask market in the forecast period.

Additionally, according to World Health Organisation 2021, it was estimated chronic disorders kill nearly 41 million people each

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year, equivalent to 71% of all deaths globally. Each year, more than 15 million people die from a chronic disorders between the ages of 30 and 69 years. As per the same source, it was concluded that, cardiovascular diseases account for most of the deaths which is around 17.9 million people annually, followed by cancers (9.3 million), respiratory diseases (4.1 million), and diabetes (1.5 million) globally. The chronic disorders are majorly treated through some surgical procedures. For instance, in some cases of cancers, the tumor is removed from the body through surgery. The increasing prevalence of chronic disorders will result in the rising number of surgical procedures. In the procedures, surgical mask and respirators are used by the physician to prevent the transmission of the infection, ultimately leading to an increasing demand of surgical masks and respirators in the market. Thus, propelling the overall market growth of surgical masks and respirator in the forcast period.

Furthermore, tobacco use, physical inactivity, and the harmful use of alcohol and unhealthy diets all increase the risk of dying from chronic disorders such as, coronary heart disease, diabetes, cardiovascular diseases, hyperlipidemia, stroke, and others. According to WHO 2022, it was estimated that in the year 2020, 22.3% of the global population used tobacco, 36.7% of all men and 7.8% of the world's women. Tobacco causes many chronic and respiratory disorders such as, COPD, emphysema, chronic bronchitis, asthma, and others. The increasing intake of tobacco will increase the prevalence of chronic and respiratory disorders, leading to surging number of surgical procedures, thereby increasing the demand of surgical mask and respirators in the market and propelling the overall market growth of surgical mask and respirators in the forecast period.

Additionally, the airborne diseae can be prevented by using the respirators. Airborne diseases are spread when a person suffering from certain infections tends to cough, sneeze, talk, spew nasal and throat secretions into the air. These viruses or bacteria is then transmitted to other persons or surfaces. The transmission of such disorders can be prevented by wearing a proper maks or respirator when coming in contact with such a peron. Thus, the increasing number of airborne diseases will increase the demand of surgical masks and respirators in the market thereby bolstering the overall market growth of the device in the forcast period of 2022-2027.

However, highly competitive pricing of surgical mask and respirator and it's raw material may hamper the surgical mask and respirator market growth.

The ongoing COVID-19 pandemic has significantly increased the market for surgical mask and respirator as they were used to prevent the transmission of the coronavirus. Owing to this fact, the leading market players accelerated their production of surgical mask and respirators. However, during the onset of pandemic the industries were shut down due to strict lockdown rules which decreased the supply of the device in the market. This lead to the elevation of the price of masks and respirators. But, with the return of normalcy, resources and raw materials and with the increasing demand the key players resumed the manufacturing of the device, thereby increasing the market demand of the surgical mask and respirator, in turn, propelling the market growth of surgical mask and respirators during the forecast period of 2022-2027.

Surgical Mask and Respirator Market Segment Analysis:

Surgical mask and respirator Market by Product Type (Surgical Mask [Basic Surgical Mask, Anti-Fog Surgical Mask, Fluid/Splash Resistant Surgical Mask, and Others] and Respirator [N- Series, P- Series, and R- Series]), by Usability Type (Disposable and Reusable), by Distribution Channel (Hospital & Clinical Pharmacy, E-Commerce, and Others) and By Geography (North America, Europe, Asia-Pacific, and Rest of the World)

In the product type segment of the surgical mask and respirator market, N- series respiratory catergory is estimated to hold a significant share in the surgical mask and respirator market in the year 2021. This can be ascribed to the various advantages that are associated with this category.

For instance, the ongoing COVID-19 pandemic, worker safety, rising cases of infectious biological diseases worldwide and increasing prevalence of airborne disorders accounted for the highest share of revene for the N-series category in the year 2021. Additionally, this category is able to filter out at least 95% of very small particles, including droplets containing the coronavirus. They are typically worn by medical workers as well as employees at factories working with paint or industrial chemicals. Moreover, the product launches as well as approval, in turn, drive the product demand in the market. For instance, in January 2022, NIOSH approved six N95 respirators. Six respirators includes the companies 3M Aura Particulate Respirator, Harley N95 Mask, Fangtian N95 Face Mask, Honeywell Surgical N95 Respirator, Maxboost N95 Mask, and MedicPro N95 Face Mask. Thus, owing to the various advantages and applications as well as new approvals, there will be an increase in the demand for N-series respiratory, which in turn will drive the surgical mask and respirator market growth.

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North America is expected to dominate the overall Surgical Mask and Respirator Market:

Among all the regions, North America is estimated to achieve a significant share in the global surgical mask and respirator market. Surging number of surgical procedures due to rising prevalence of chronic disorders and rising prevalence of airborne diseases will propel the market growth of surgical mask and respirator in the North America. Additionally, growing awareness among the population regarding the use of protective gear after the pandemic will also increase the demand for surgical mask and respirator in North America, leading to a rise in the overall surgical mask and respirator market growth.

After COVID-19 pandemic, the world has shown how communicable diseases can expand in a matter of days from a small cluster to a health threat of international concern. As per the World Health Statistics data published by WHO in the year 2021, it was estimated that in the US approximately 16.7 million deaths were reported 2019 due to communicable or infectious disease. The above statistics state that the mortality and morbidity is higher for infectious disease in the Unites States. For instance, tuberculosis (TB) is one of the major infectious disease in the US. It is caused by bacteria (Mycobacterium tuberculosis) that most often affect the lungs. According to WHO 2021, in the year 2020, an estimated number of 10 million people in US were suffering with TB, comprising 5.6 million men, 3.3 million women and 1.1 million children. As per the same source, in the year 2020, 1.1 million children were suffering with TB in the US. Tuberculosis can be easily transmitted through the air. Transmission occurs when a person inhales droplet nuclei containing M. tuberculosis, and the droplet nuclei traverse the mouth or nasal passages, upper respiratory tract, and bronchi to reach the alveoli of the lungs. The transmission can be prevented by wear proper masks and respirators. The increasing prevalence of communicable disorders will increase the demand of mask and respirators, thereby propelling the overall market growth of surgical mask and respirators in the North America in the forecast period of 2022 ? 2027. Another factor responsible for increasing the product demand is the use of surgical mask and respirator in order to prevent transimission of coronavirus. According to WHO Coronavirus Dashboard, as of 30 May 2022, there have been 156,560,448 confirmed cases of COVID-19 in America. The incidence of coronavirus can be decreased by wear masks & respirators and by following social distancing. Thus, the increasing number of coronavirus cases will increase the demand of mask and respirators in the market, thereby bolstering the overall market growth of the product in the North America in the forecast period of 2022 ? 2027.

Thus, all the above-mentioned factors are anticipated to propel the market for surgical mask and respirator in the North America. Surgical Mask and Respirator Market Key Players:

Some of the key market players operating in the surgical mask and respirator market include 3M, Moldex-Metric., Kwalitex Healthcare Pvt Ltd, Cartel Healthcare Pvt. Ltd., Magnum Health And Safety Pvt. Ltd, Mediblue Healthcare Private Limited., Medline Industries Inc., Plasti Surge Industries Pvt. Ltd, Premium Health Care Disposables Private Limited, Thea-Tex Healthcare (India) Pvt. Ltd, Honeywell International Inc., Ambu A/S., ALPHAPROTECH, Teleflex Incorporated., Detmold Group, uvex group, MSA, RZ Industries, Makrite, SHIGEMATSU WORKS CO.,LTD., and others., among others.

Recent Developmental Activities in the Surgical Mask and Respirator Market:

- ? In August 2020, Cardinal Health, a multinational health care services company, in collaboration with ClearMask, one of the innovator in surgical mask field, introduced the world's first fully transparent surgical mask approved by FDA, for hassle-free speech gesture and communication.
- ? In March 2020, Honeywell International Inc, one of the major innovator and manufacturer in healthcare industry, announced that they have expanded its capacity of production for N95 masks and started a new operation in Phoenix on government call.
- ? In March 2020, 3M, one of the operator n the fields of industry, worker safety, U.S. health care, and consumer goods, and Ford Motor Company are partnering to increase the production of 3M's powered air-purifying respirators, or PAPRs.

Key Takeaways from the Surgical Mask and Respirator Market Report Study

- ? Market size analysis for current surgical mask and respirator market size (2021), and market forecast for 5 years (2022-2027)
- ? The effect of the COVID-19 pandemic on this market is significant. To capture and analyze suitable indicators, our experts are closely watching the surgical mask and respirator market.
- ? Top key product/services/technology developments, merger, acquisition, partnership, joint venture happened for last 3 years ? Key companies dominating the global surgical mask and respirator market.
- ? Various opportunities available for the other competitor in the surgical mask and respirator market space.
- ? What are the top performing segments in 2021? How these segments will perform in 2027.

? Which is the top-performing regions and countries in the current surgical mask and respirator market scenario?

? Which are the regions and countries where companies should have concentrated on opportunities for surgical mask and respirator market growth in the coming future?

Target Audience who can be benefited from this Surgical Mask and Respirator Market Report Study

- ? Surgical mask and respirator products providers
- ? Research organizations and consulting companies
- ? Surgical mask and respirator-related organizations, associations, forums, and other alliances
- ? Government and corporate offices
- ? Start-up companies, venture capitalists, and private equity firms
- ? Distributors and Traders dealing in surgical mask and respirator
- ? Various End-users who want to know more about the surgical mask and respirator market and latest technological developments in the surgical mask and respirator market.

Frequently Asked Questions for Surgical Mask and Respirator Market:

1. What are Surgical mask and respirator?

A surgical mask is intended for medical purposes that cover the user's nose and mouth and provides a physical barrier to fluids and particulate materials. Surgical masks are Class II medical devices. Respirators includes filtering facepiece respirators (FFRs) such as N95s which filter at least 95 percent of airborne particles. Respirator provides certain filtration efficiency levels to help reduce wearer exposure to pathogenic particles in a health care setting.

2. What is the market for Global Surgical mask and respirator? Global surgical mask and respirator market is estimated to grow at a CAGR of 5.31% during the forecast period from 2022 to 2027.

3. What are the drivers for the Global Surgical mask and respirator Market?

The surgical mask and respirator market is witnessing a positive market growth owing to increasing number of surgeries, surge in epidemic and pandemic outbreaks, increasing prevalence of airbone and respiratory disorders due to excess exposure to pollution and chemicals across the world are anticipated to bolster the market.

4. Who are the key players operating in the Global Surgical mask and respirator Market?

Some of the key market players operating in the surgical mask and respirator market include 3M, Moldex-Metric., Kwalitex Healthcare Pvt Ltd, Cartel Healthcare Pvt. Ltd., Magnum Health And Safety Pvt. Ltd, Mediblue Healthcare Private Limited., Medline Industries Inc., Plasti Surge Industries Pvt. Ltd, Premium Health Care Disposables Private Limited, Thea-Tex Healthcare (India) Pvt. Ltd, Honeywell International Inc., Ambu A/S., ALPHAPROTECH, Teleflex Incorporated., Detmold Group, uvex group, MSA, RZ Industries, Makrite, SHIGEMATSU WORKS CO.,LTD., and others.

5. Which region has the highest share in Surgical mask and respirator Market?

North America is expected to hold the highest share in the revenue in the surgical mask and respirator market during the forecast period. Surging number of surgical procedures and growing awareness among the population regarding the use of protective gear will increase the demand for surgical mask and respirator in North America, leading to a rise in the overall surgical mask and respirator market growth in this region.

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