

# Respiratory Protective Equipment Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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## Abstracts

The global respiratory protective equipment market reached a value of US\$ 7.7 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 10 Billion by 2027, exhibiting a CAGR of 4.1% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

The respiratory protective equipment (RPE) refers to a kind of personal protective equipment (PPE) that safeguards the wearer from inhaling hazardous substances, dust particles and gases in the air. Consisting of various filtering devices, masks and breathing apparatuses, RPE covers the nose, mouth or the entire face to filter out the contaminants. It also includes half/full mask respirators, helmets, hoods, visors, escape/airline respirators and supplied air respirator. These equipment are commonly used in chemicals, textiles and paper processing mills, along with metalworking plants and construction sites. They also find extensive applications across various industries, including oil and gas, petrochemical, healthcare, construction, chemical and mining.

Rapid industrialization across the globe is one of the key factors driving the growth of the market. Furthermore, increasing awareness regarding the importance of workplace safety is also providing a boost to the market growth. RPE can protect the industrial workers from inhaling harmful chemicals, gases and radiological and nuclear material. This can aid in preventing the instances of occupational asthma, pneumoconiosis, chronic obstructive pulmonary disease (COPD), lung cancer and mesothelioma. The growing demand for technologically advanced multi-functional RPE is acting as another growth-inducing factor. For instance, manufacturers have introduced respirators that are

equipped with auto-darkening filters (ADF) and sensors to minimize eye damage and provide protection from fumes. Other factors, including extensive research and development (R&D) activities to manufacture product variants with innovative in-facepiece gas detection technology, along with the implementation of stringent government policies promoting occupational safety and health standards, are projected to drive the market further.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global respiratory protective equipment market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on product type, filter type and end-use industry.

#### Breakup by Product Type:

- Air Purifier Respirator
- Unpowered Respirators
- Powered Respirators
- Escape Respirators
- Supplied Air Respirator
- Self-contained Breathing Apparatus
- Airline Respirators
- Loose Fitting Hoods

#### Breakup by Filter Type:

- Particle Filter
- Gas/Vapour Filter
- Combined Filter

#### Breakup by End-Use Industry:

- Healthcare
- Oil and Gas
- Chemical
- Construction
- Law Enforcement
- Others

## Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

## Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being 3M Company, Alpha Pro Tech Limited, E.D. Bullard Company, Inc., Delta Plus Group, Honeywell International Inc., ILC Dover, LP, Intech Safety Pvt. Ltd., MSA Safety Incorporated, RSG Safety BV and Uvex Arbeitsschutz GmbH, etc.

## Key Questions Answered in This Report:

How has the global respiratory protective equipment market performed so far and how will it perform in the coming years?

What are the key regional markets?

What has been the impact of COVID-19 on the global respiratory protective equipment market?

What is the breakup of the market based on the product type?

What is the breakup of the market based on the filter type?

What is the breakup of the market based on the end-use industry?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the market?

What is the structure of the global respiratory protective equipment market and who are the key players?

What is the degree of competition in the market?

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