

Industrial Protective Fabrics Market Segments: By Raw Materials (Aramid, PBI, Polyester, Polyolefins, Polyamide and Cotton Fibers); By Application (Heat & flame resistant, Mechanical Protection, Chemical protection, Electrical protection, Ballistic protection, Space suits, Health care garments, Others); and Region – Global Analysis of Market Size, Share & Trends for 2019 – 2020 and Forecasts to 2030

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Abstracts

Product Overview

Protective fabrics Market are a group of high-performance fabrics that are used to make a variety of protective garments for people who work in dangerous situations. These garments are worn to protect the wearer from the harmful effects of thermal, mechanical, chemical, and other hazards. Protective fabric manufacturers improve the wearer's comfort in harsh climatic environments by including features such as breathability, lightweight properties, and fabric softness. Military personnel, firefighters, oil and gas contractors, and law enforcement officers are among those who wear protective fabrics. In addition, patented technology is used in protective clothing to keep perspiration and moisture away from the skin, resulting in minimal discomfort.

Market Highlights

Global Industrial Protective Fabrics Market is expected to project a notable CAGR of 4.9% in 2030.

Global Industrial Protective Fabrics Market to surpass USD XXX million by 2030 from USD XXX million in 2020 at a CAGR of 4.9% in the coming years, i.e., 2021-30. This growth is anticipated due to increasing mergers and acquisitions across various sectors

which will create a worldwide demand for Industrial Protective Fabrics. The growth of online stores is also propelling the selling of high-end products. E-commerce allows the simple purchasing of goods manufactured in remote locations. This, in turn, has made a major contribution to the development of the global Industrial Protective Fabrics industry.

Global Industrial Protective Fabrics Market: Segments

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

Global Industrial Protective Fabrics Market is segmented by Raw Materials into Aramid, PBI, Polyester, Polyolefins, Polyamide, and Cotton Fibers. Aramid segment held the largest market share in the year 2020. Because of its superior properties, such as low flammability, non-conductivity, abrasion resistance, low weight, and superior fabric integrity, aramid is commonly used for the manufacture of industrial protective fabric. During the review era, cotton fiber is expected to expand at the fastest rate. Mildew, stain, wrinkle, abrasion, and flame resistance are some of the properties attributed to the development. Furthermore, manufacturing is changing preferences toward natural fibers in line with the global trend of sustainability and strict environmental legislation, which will boost product demand.

Ballistic protection segment to grow with the highest CAGR during 2020-30

Global Industrial Protective Fabrics Market is segmented by Application into Heat & flame resistance, Mechanical protection, Chemical protection, Electrical protection, Ballistic protection, Spacesuits, Health care garments, Others. Over the forecast period, the Ballistic protection Application is projected to expand at the fastest pace. The defense industry is one of the most important consumers of ballistic safe textiles. NBC suits, bulletproof coats, fire retardant footwear, and high-altitude garments are among the Protech items used in the defense industry. Increased terror threats around the world have increased the demand for bulletproof jackets and protective clothing made of specialty materials, which is expected to drive market growth over the forecast period.

Industrial Protective Fabrics Market Dynamics

Drivers

Stringent regulation on job safety and awareness about self-protection

Surging demand of Industrial Protective Fabrics Market from numerous end-user industries is the key factor contributing in the market growth. In developing countries, stringent legislation on job safety of working workers, such as the Occupational Safety and Health Act (OSHA), are expected to be a major driver of business development. Furthermore, the need for protection and protection measures has been identified as a top priority in the chemical and oil and gas industries, fueling market development. Staff

is becoming more mindful of their own protection, which will fuel demand growth in the coming years.

Product innovation and rising demand of protective clothing

Furthermore, product innovation through the introduction of new fabrics, as well as improved design and specifications, is likely to generate lucrative opportunities for market players involved in global market development. The rising demand for protective clothing in emerging economies, owing to the increasing demand for fire-resistant fabrics, provides additional opportunities for protective fabric manufacturers.

Restraint

Rising prices and investments in research and developments

High pricing of specialized fabrics is expected to act as a restraint in the market of Industrial Protective fabrics. Furthermore, huge investments associated to research and developments are also anticipated to hamper the global market.

Global Industrial Protective Fabrics Market: Key Players

3M

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

Lakeland Inc.

Cetriko

SL

DuPont de Nemours Inc.

Glen Raven Inc.

L. Gore & Associates GmbH

Klopman International

Milliken & Company

Other Prominent Players

Global Industrial Protective Fabrics Market: Regions

Global Industrial Protective Fabrics 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 Industrial Protective Fabrics Market in APAC held the largest market share of XX.X% in the year 2020 in terms of revenue. The leading markets for industrial

protective fabrics are India, China, Japan, and South Korea. Industrial protective fabrics are useful for workers in the automotive industry because of their impact resistance. The global industrial protective fabrics market is expected to develop significantly in this area, owing to the region's phenomenal growth in the automotive sector. In the coming years, the Brazilian market for industrial protective fabrics will see significant growth. Because of their flame resistance and durability, aramid, cotton, and polyester fabrics are used to make safe clothing for oil and gas industry staff. If the number of possible gas reserves in the area grows, so will development activities, necessitating more protective clothing for employees.

Global Industrial Protective Fabrics 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 Industrial Protective Fabrics Market report also contains analysis on:

Industrial Protective Fabrics Market Segments:

By Raw Materials

Aramid

PBI

Polyester

Polyolefins

Polyamide

Cotton Fibers

By Application

Heat & flame resistant

Mechanical protection

Chemical protection

Electrical protection

Ballistic protection

Spacesuits

Health care garments

Others

Industrial Protective Fabrics Market Dynamics

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7. L. GORE & ASSOCIATES GMBH

8. KLOPMAN INTERNATIONAL

9. MILLIKEN & COMPANY

10. OTHER PROMINENT PLAYERS

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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