

Cooling Fabrics Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global cooling fabrics market size reached US\$ 2.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 3.9 Billion by 2028, exhibiting a growth rate (CAGR) of 8.4% during 2022-2028.

Cooling fabrics comprise gel, polymer, or phase change materials (PCMs) that alter their insulating properties in response to the environment. These fabrics function by absorbing the heat and moisture and releasing them into the atmosphere, which further helps to improve the breathability and ventilation of the garments. They also assist in maintaining a comfortable body temperature during the physical performance and improving the overall well-being from scorching conditions. Besides this, due to their excellent thermal conductivity and tactile properties, cooling fabrics are utilized in the manufacturing of sports apparel worldwide.

Cooling Fabrics Market Trends:

The global outbreak of coronavirus disease (COVID-19) and the consequently rising need for personal protective equipment (PPE) like masks represent one of the main factors bolstering the demand for cooling fabrics to protect a wearer from heat stress. Moreover, cooling fabrics are used in heavy protective clothing or armors, which are worn by military personnel, firefighters, and staff working with the hazardous material cleanup. Apart from this, with the increasing number of sports enthusiasts across the globe, several manufacturers are offering cooling garments that maximize oxygen uptake, increase blood flow to the working muscles, and reduce the risk of inflammation during events. Furthermore, leading manufacturers are also investing in research and development (R&D) activities to produce a practical cooling garment that can lower the temperature of the brain in stroke and head trauma patients. Additionally, significant growth in the real estate sector is anticipated to influence the application of cooling fabrics in furniture upholstery.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global cooling fabrics market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on type and application.

Breakup by Type:

Synthetic

Natural

Breakup by Application:

Sports Apparel

Protective Wear

Lifestyle

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 along with the profiles of the key players being Adidas AG, Ahlstrom-Munksj? Oyj, Asahi Kasei Corporation, Coolcore LLC, Formosa Taffeta Co. Ltd., HexArmor, Nan Ya Plastics Corporation, Nike Inc., Nilit Ltd., Polartec LLC (Milliken & Company) and Tex-Ray Industrial Co. Ltd.

Key Questions Answered in This Report

1. How big is the global cooling fabrics market?
2. What is the expected growth rate of the global cooling fabrics market during 2023-2028?
3. What are the key factors driving the global cooling fabrics market?
4. What has been the impact of COVID-19 on the global cooling fabrics market?
5. What is the breakup of the global cooling fabrics market based on the type?
6. What is the breakup of the global cooling fabrics market based on the application?
7. What are the key regions in the global cooling fabrics market?
8. Who are the key players/companies in the global cooling fabrics market?

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