

Global Synthetic Self Cooling Fabrics Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/G0F2C32DBE2BEN.html>

Date: November 2025

Pages: 114

Price: US\$ 3,480.00 (Single User License)

ID: G0F2C32DBE2BEN

Abstracts

According to our (Global Info Research) latest study, the global Synthetic Self Cooling Fabrics market size was valued at US\$ 1431 million in 2024 and is forecast to a readjusted size of USD 2677 million by 2031 with a CAGR of 9.5% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

Synthetic self-cooling fabric is a kind of fabric that uses the self-cooling effect to improve wearing comfort through specific technology and fiber materials. Its main feature is that it can automatically adjust the temperature when worn, helping the wearer to keep cool in a hot environment. This kind of fabric usually uses synthetic fiber materials, and incorporates special cooling factors into the fibers or uses advanced weaving technology to achieve a cooling effect.

This report is a detailed and comprehensive analysis for global Synthetic Self Cooling Fabrics market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Synthetic Self Cooling Fabrics market size and forecasts, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2020-2031

Global Synthetic Self Cooling Fabrics market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2020-2031

Global Synthetic Self Cooling Fabrics market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Sqm), and average selling prices (US\$/Sq m), 2020-2031

Global Synthetic Self Cooling Fabrics market shares of main players, shipments in revenue (\$ Million), sales quantity (K Sqm), and ASP (US\$/Sq m), 2020-2025

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Synthetic Self Cooling Fabrics
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Synthetic Self Cooling Fabrics market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Coolcore LLC, Invista, Ahlstrom, Nilit, Polartec, Nan Ya Plastics, Tex-Ray Industrial, Ventex Inc, Formosa Taffeta, Hexarmor, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Synthetic Self Cooling Fabrics market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Polyester

Nylon

Others

Market segment by Application

Clothing

Home Textiles

Others

Major players covered

Coolcore LLC

Invista

Ahlstrom

Nilit

Polartec

Nan Ya Plastics

Tex-Ray Industrial

Ventex Inc

Formosa Taffeta

Hexarmor

Outlast Technologies

brrr

Eysan Fabrics

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Synthetic Self Cooling Fabrics product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Synthetic Self Cooling Fabrics, with price, sales quantity, revenue, and global market share of Synthetic Self Cooling Fabrics from 2020 to 2025.

Chapter 3, the Synthetic Self Cooling Fabrics competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Synthetic Self Cooling Fabrics breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2020 to 2025. and Synthetic Self Cooling Fabrics market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Synthetic Self Cooling Fabrics.

Chapter 14 and 15, to describe Synthetic Self Cooling Fabrics sales channel, distributors, customers, research findings and conclusion.

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