

Growth Opportunities in the Global Stretchable and Conformal Electronics Market

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Abstracts

The future of the stretchable and conformal electronics market looks attractive with opportunities in the consumer electronics, healthcare, automotive, aerospace and defense, and textiles industries. The global stretchable and conformal electronics market is expected to reach an estimated \$478.9 million by 2025 and is forecast to grow at a CAGR of 89% from 2017 to 2025. The major growth drivers for this market are increasing usage of stretchable and conformal electronics products in the healthcare, consumer electronics, and textiles markets.

Emerging trends, which have a direct impact on the dynamics of the stretchable and conformal electronics industry, include adoption of stretchable electronics in artificial skin, biodegradable implants, and additive manufacturing as a new manufacturing technique.

A total of 43 figures / charts and 24 tables are provided in this 98-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope of, benefits, companies researched and other details of this stretchable and conformal electronics market report, download the report brochure.

The study includes stretchable and conformal electronics market size and forecast for the global stretchable and conformal electronics market through 2025 by application, component, and region as follows:

Global Stretchable and Conformal Electronics Market by End Use Industry [\$M shipment analysis for 2016 – 2025]:

Healthcare Consumer Electronics Automotive Aerospace and Defense Textiles Others

Global Stretchable and Conformal Electronics Market by Component [\$M shipment analysis for 2016 – 2025]:

Stretchable Circuits Stretchable Conductors Electroactive Polymers Stretchable Batteries Photovoltaics Others

Global Stretchable and Conformal Electronics Market by Region [\$M shipment analysis for 2016 – 2025]:

North America Europe Asia Pacific Rest of the World

Stretchable and conformal electronics market companies profiled in this market include DuPont, MC10, Inc., Powerfilm, Inc., Philips, and StretchSense are among the major suppliers of stretchable and conformal electronics.

Within the stretchable and conformal electronics market, consumer electronics is expected to remain the largest end use segment due to the increasing adoption of smart wearable devices across the globe. Improved performance, miniaturization, enhanced functionality, advanced sensor technology and intelligence in electronic systems are further supporting the growth of this market. Lucintel predicts that the demand for stretchable and conformal electronics in healthcare is likely to experience the highest growth in the forecast period supported by the demand for smart healthcare products, such as biomedical skins, smart bandages, health monitoring kits, and cyborg cardiac patches.

North America is expected to remain the largest market by value and is also expected to witness the highest growth over the forecast period because of growing demand for wearable technologies and increasing research and development by various institutions.

Some of the features of “Growth Opportunities in the Global Stretchable and Conformal Electronics Market 2017-2025: Trends, Forecast, and Opportunity Analysis” include:

Market size estimates: Global stretchable and conformal electronics market size estimation in terms of value (\$M) shipment. Trend and forecast analysis: Market trend (2016-2020) and forecast (2021-2025) by segments and region. Segmentation analysis: Global stretchable and conformal electronics market size by various applications such as application, and component type in terms of value and volume shipment. Regional analysis: Global stretchable and conformal electronics market breakdown by key

regions such as North America, Europe, and Asia & Rest of World. Growth opportunities: Analysis on growth opportunities in different applications and regions of stretchable and conformal electronics market. Strategic analysis: This includes M&A, new product development, and competitive landscape of global stretchable and conformal electronics market. Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following 11 key questions:

Q.1 What are some of the most promising potential, high-growth opportunities for the global stretchable and conformal electronics market by application (healthcare, consumer electronics, automotive, aerospace and defense, textiles, and others), component (stretchable circuits, stretchable conductors, electroactive polymers, stretchable batteries, photovoltaics, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the stretchable and conformal electronics market?

Q.5 What are the business risks and threats to the stretchable and conformal electronics market?

Q.6 What are emerging trends in this stretchable and conformal electronics market and the reasons behind them?

Q.7 What are some changing demands of customers in the stretchable and conformal electronics market?

Q.8 What are the new developments in the stretchable and conformal electronics market? Which companies are leading these developments?

Q.9 Who are the major players in this stretchable and conformal electronics market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in this stretchable and conformal electronics area and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M & A activities have taken place by the stretchable and conformal electronics suppliers in the last 5 years in this stretchable and conformal electronics market?

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