

Stretchable Electronics Market - Forecasts from 2017 to 2022

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Abstracts

Stretchable electronics market is expected to grow to US\$606.353 million by 2022, growing at a CAGR of 84.94% from US\$28.024 million in 2017. Stretchable electronics are the combination of electronic devices and the circuit that is stretchable in nature while retaining their functionality intact. Growth in the consumer electronics market, increased utilization of organic solar cells, extensive research to increase stretchability of material and miniaturization of electronic products for better operational speed are some of the key factors driving the growth of the market. Advantages such as lightweight, high performance, and low manufacturing cost also contribute to market growth. Wearable communication devices, Bio-integrated circuits, and robotic sensory skin are some of the application of these electronics.

Research Methodology

The first section of the report deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentation which has been covered as part of the report.

Market Dynamics

Next section provides comprehensive market dynamics through an overview section along with growth drivers, challenges, and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of Stretchable Electronics. Complete industry analysis has also been covered by Porter's five forces model as a part of this report

section.

Segmentation

Thirdly, stretchable electronics market has been segmented on the basis of the type of component and end-user industry. Under component; Circuit, Polymer, Battery, and others have been covered. Whereas under application, the market is segmented consumer electronics, healthcare, aerospace and defense, communication and technology, automotive among others. Detailed comprehensive forecast with analysis has also been covered as part of this section.

Important regions for vendors in terms of market size is covered through detailed geographical segmentation. Geographical regions covered as a part of this section are Americas, Europe Middle East and Africa and Asia Pacific.

Market Players

Finally, competitive intelligence section deals with major players in the market, their market shares, growth strategies, products, financials, and recent investments among others. Key industry players profiled as part of this section are DowDuPont, Philips, Adidas AG, 3M, PARC, Cambrios, and MC10.

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