+44 20 8123 2220
info@marketpublishers.com

The Global Market for Electronic Textiles (E-textiles)

https://marketpublishers.com/r/GAF094A41CF0EN.html
Date: July 2021
Pages: 225
Price: US$ 1,375.00 (Single User License)
ID: GAF094A41CF0EN

Abstracts

Traditional textiles simply function as a covering material. Based on the rapidly changing global demands and due to advanced technological improvements, the development of integrated electronics and responsive functionality on textiles has led to the emergence of E-textiles and smart textiles accommodating the revolution we are witnessing in wearable electronics. The development of high value-added products such as smart fabrics and clothing, wearable consumer and medical devices and protective textiles has increased rapidly in the last decade. Recent advances in stimuli-responsive surfaces and interfaces, sensors and actuators, flexible electronics, nanocoatings and conductive nanomaterials has led to the development of a new generation of smart and adaptive electronic fibers, yarns and fabrics for application in E-textiles.

Advances in the ability to free-form print circuit processes enables electronic systems to be assembled directly onto textile items. This type of technology, “E-textiles,” will compete with existing wearable devices that have dominated the market (smartwatches and fitness trackers), as a more discrete alternative to health and physiological monitoring. Electronic textiles incorporate interdisciplinary studies such as textiles, nano/micro technologies, computing systems, and communications and information technologies. E-textiles monitor heart health (heart rate, heart rate variability, electrocardiogram), activity recognition and measurement, sleep stage and sleep quality detection, drug adherence, stress level monitor and body temperature measurement, chemical sensing and can return heat and stimulus through the very fibers of textile products.

Report contents include:

Market drivers and trends in electronic textiles (E-textiles).

Investment and product news 2020-2021.

+44 20 8123 2220
info@marketpublishers.com

Materials and components analysis.

Applications and markets including smart clothing products, heated clothing, sports and fitness, smart footwear, military, medical and healthcare, workplace monitoring & protection, motion capture, soft exoskeletons, wearable advertising and power sources for E-textiles.

Global market revenues by market, historical and forecast to 2031.

112 company profiles including Myant, Inc., Sensing Tex, Nextiles, Apple, OMsignal, Hexoskin, Ohmatex A/S, Sensoria Inc., Xenoma Inc., AiQ Smart Clothing Inc., Interactive Wear AG, Loomia, Garmin and many more.

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: The Global Market for Electronic Textiles (E-textiles)
Product link: https://marketpublishers.com/r/GAF094A41CF0EN.html
Price: US$ 1,375.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GAF094A41CF0EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970