

Global Transparent Conductive Films Market Size study & Forecast, by Material (Indium Tin Oxide (ITO) on Glass, Indium Tin Oxide (ITO) on PET, Silver Nanowire, Carbon Nanotubes, Conductive Polymers, Others) by Application (Smartphones, Notebooks, Tablet, PC, Wearable Devices, Others) and Regional Analysis, 2023-2030

<https://marketpublishers.com/r/G56334DC91EDEN.html>

Date: February 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G56334DC91EDEN

Abstracts

Global Transparent Conductive Films Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Transparent conductive films (TCFs) are thin films that combine both transparency and electrical conductivity. These films are typically made from materials that allow light to pass through while also providing electrical conductivity. Transparent conductive films find applications in various electronic devices and technologies due to their unique combination of properties. Some common materials used for transparent conductive films include indium tin oxide (ITO), silver nanowires, and conductive polymers. The key factors driving the market growth are growing demand for smartphones, tablets and other similar flexible devices, rising preference for touch enabled LCD panels, and growing proliferation of wearable devices that anticipated to support the market during forecast period 2023-2030.

Additionally, the growing demand for smartphones significantly supports the growth of the Transparent Conductive Films market. Smartphones are equipped with touchscreen displays that allow users to interact with the device through touch gestures. Transparent conductive films, such as Indium Tin Oxide (ITO) or alternative materials such as graphene and silver nanowires, are essential components in creating transparent electrodes for touchscreens. TCFs enable the accurate detection of touch inputs while

maintaining optical transparency. According to Statista, in 2021, the global smartphone penetration rate as share of population 67% and in 2022, the penetration rate reached 68%. As a result, the rising smart phone penetration is anticipated to support the market growth during forecast period 2023-2030. Moreover, increase in adoption of flexible displays, and growing demand for medical and healthcare devices is anticipated to create the lucrative opportunity for the market. However, the high cost of indium tin oxide, and lower acceptance of graphene material stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Transparent Conductive Films Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share owing to the growing demand for smartphones, tablets, smartwatches, and other consumer electronics, growing adoption of flexible and foldable electronic devices, and presence of key market players. Whereas, the Asia Pacific region is expected to grow with the fastest growth rate during the forecast period, owing to factors such as the increasing adoption of smart devices, rising solar energy investment, expanding display technologies and supportive government initiatives and policies.

Major market player included in this report are:

Fujifilm Holdings Corporation

TDK Corporation

TOYOBO Co., Ltd.

3M Company

Eastman Kodak Company

DONTECH Inc.

Dupont Teijin Films

Nitto Denko Corporation

Oike & Co., Ltd.

Cambrios Technologies Corporation

Recent Developments in the Market:

In June 2021, Canatu Oy has entered into a collaborative development agreement with DENSO, a prominent player in the mobility supply industry. Their joint efforts are focused on advancing the technology of high-performance reactors utilized in the creation of carbon nanotube films. The ultimate goal of this partnership is to enhance the productivity of Canatu's CNT film manufacturing process by threefold.

Global Transparent Conductive Films Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Material, Application, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving

factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material:

Indium Tin Oxide (ITO) on Glass

Indium Tin Oxide (ITO) on PET

Silver Nanowire

Carbon Nanotubes

Conductive Polymers

Others

By Application:

Smartphones

Notebooks

Tablet

PC

Wearable Devices

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
 - 1.2.1. Transparent Conductive Films Market, by region, 2020-2030 (USD Billion)
 - 1.2.2. Transparent Conductive Films Market, by Material, 2020-2030 (USD Billion)
 - 1.2.3. Transparent Conductive Films Market, by Application, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL TRANSPARENT CONDUCTIVE FILMS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Industry Evolution
 - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL TRANSPARENT CONDUCTIVE FILMS MARKET DYNAMICS

- 3.1. Transparent Conductive Films Market Impact Analysis (2020-2030)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Growing demand for smartphones, tablets and other similar flexible devices
 - 3.1.1.2. Rising preference for touch enabled LCD panels
 - 3.1.1.3. Growing proliferation of wearable devices
 - 3.1.2. Market Challenges
 - 3.1.2.1. High cost of indium tin oxide
 - 3.1.2.2. Lower acceptance of graphene material
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increase in adoption of flexible displays
 - 3.1.3.2. Growing demand for medical and healthcare devices

CHAPTER 4. GLOBAL TRANSPARENT CONDUCTIVE FILMS MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economic
 - 4.3.3. Social
 - 4.3.4. Technological
 - 4.3.5. Environmental
 - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL TRANSPARENT CONDUCTIVE FILMS MARKET, BY MATERIAL

- 5.1. Market Snapshot
- 5.2. Global Transparent Conductive Films Market by Material, Performance - Potential Analysis
- 5.3. Global Transparent Conductive Films Market Estimates & Forecasts by Material 2020-2030 (USD Billion)
- 5.4. Transparent Conductive Films Market, Sub Segment Analysis
 - 5.4.1. Indium Tin Oxide (ITO) on Glass
 - 5.4.2. Indium Tin Oxide (ITO) on PET
 - 5.4.3. Silver Nanowire
 - 5.4.4. Carbon Nanotubes
 - 5.4.5. Conductive Polymers
 - 5.4.6. Others

CHAPTER 6. GLOBAL TRANSPARENT CONDUCTIVE FILMS MARKET, BY

Global Transparent Conductive Films Market Size study & Forecast, by Material (Indium Tin Oxide (ITO) on Glass...

APPLICATION

- 6.1. Market Snapshot
- 6.2. Global Transparent Conductive Films Market by Application, Performance - Potential Analysis
- 6.3. Global Transparent Conductive Films Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
- 6.4. Transparent Conductive Films Market, Sub Segment Analysis
 - 6.4.1. Smartphones
 - 6.4.2. Notebooks
 - 6.4.3. Tablet
 - 6.4.4. PC
 - 6.4.5. Wearable Devices
 - 6.4.6. Others

CHAPTER 7. GLOBAL TRANSPARENT CONDUCTIVE FILMS MARKET, REGIONAL ANALYSIS

- 7.1. Top Leading Countries
- 7.2. Top Emerging Countries
- 7.3. Transparent Conductive Films Market, Regional Market Snapshot
- 7.4. North America Transparent Conductive Films Market
 - 7.4.1. U.S. Transparent Conductive Films Market
 - 7.4.1.1. Material breakdown estimates & forecasts, 2020-2030
 - 7.4.1.2. Application breakdown estimates & forecasts, 2020-2030
 - 7.4.2. Canada Transparent Conductive Films Market
- 7.5. Europe Transparent Conductive Films Market Snapshot
 - 7.5.1. U.K. Transparent Conductive Films Market
 - 7.5.2. Germany Transparent Conductive Films Market
 - 7.5.3. France Transparent Conductive Films Market
 - 7.5.4. Spain Transparent Conductive Films Market
 - 7.5.5. Italy Transparent Conductive Films Market
 - 7.5.6. Rest of Europe Transparent Conductive Films Market
- 7.6. Asia-Pacific Transparent Conductive Films Market Snapshot
 - 7.6.1. China Transparent Conductive Films Market
 - 7.6.2. India Transparent Conductive Films Market
 - 7.6.3. Japan Transparent Conductive Films Market
 - 7.6.4. Australia Transparent Conductive Films Market
 - 7.6.5. South Korea Transparent Conductive Films Market

- 7.6.6. Rest of Asia Pacific Transparent Conductive Films Market
- 7.7. Latin America Transparent Conductive Films Market Snapshot
 - 7.7.1. Brazil Transparent Conductive Films Market
 - 7.7.2. Mexico Transparent Conductive Films Market
- 7.8. Middle East & Africa Transparent Conductive Films Market
 - 7.8.1. Saudi Arabia Transparent Conductive Films Market
 - 7.8.2. South Africa Transparent Conductive Films Market
 - 7.8.3. Rest of Middle East & Africa Transparent Conductive Films Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. Company
 - 8.1.2. Company
 - 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. Fujifilm Holdings Corporation
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Recent Developments
 - 8.3.2. TDK Corporation
 - 8.3.3. TOYOBO Co., Ltd.
 - 8.3.4. 3M Company
 - 8.3.5. Eastman Kodak Company
 - 8.3.6. DONTECH Inc.
 - 8.3.7. Dupont Teijin Films
 - 8.3.8. Nitto Denko Corporation
 - 8.3.9. Oike & Co., Ltd.
 - 8.3.10. Cambrios Technologies Corporation

CHAPTER 9. RESEARCH PROCESS

- 9.1. Research Process
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation

- 9.1.4. Validation
- 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Transparent Conductive Films Market, report scope

TABLE 2. Global Transparent Conductive Films Market estimates & forecasts by region 2020-2030 (USD Billion)

TABLE 3. Global Transparent Conductive Films Market estimates & forecasts by Material 2020-2030 (USD Billion)

TABLE 4. Global Transparent Conductive Films Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 5. Global Transparent Conductive Films Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 6. Global Transparent Conductive Films Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Transparent Conductive Films Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Transparent Conductive Films Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Transparent Conductive Films Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Transparent Conductive Films Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Transparent Conductive Films Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Transparent Conductive Films Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Transparent Conductive Films Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Transparent Conductive Films Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. U.S. Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 17. U.S. Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. Canada Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 19. Canada Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE Transparent Conductive Films Market estimates & forecasts by

segment 2020-2030 (USD Billion)

TABLE 39. China Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 44. India Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61. Mexico Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. RoLA Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64. RoLA Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. Saudi Arabia Transparent Conductive Films Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67. South Africa Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. RoMEA Transparent Conductive Films Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global Transparent Conductive Films Market

TABLE 70. List of primary sources, used in the study of global Transparent Conductive Films Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Transparent Conductive Films Market, research methodology
 - FIG 2. Global Transparent Conductive Films Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Transparent Conductive Films Market, key trends 2022
 - FIG 5. Global Transparent Conductive Films Market, growth prospects 2023-2030
 - FIG 6. Global Transparent Conductive Films Market, porters 5 force model
 - FIG 7. Global Transparent Conductive Films Market, pest analysis
 - FIG 8. Global Transparent Conductive Films Market, value chain analysis
 - FIG 9. Global Transparent Conductive Films Market by segment, 2020 & 2030 (USD Billion)
 - FIG 10. Global Transparent Conductive Films Market by segment, 2020 & 2030 (USD Billion)
 - FIG 11. Global Transparent Conductive Films Market by segment, 2020 & 2030 (USD Billion)
 - FIG 12. Global Transparent Conductive Films Market by segment, 2020 & 2030 (USD Billion)
 - FIG 13. Global Transparent Conductive Films Market by segment, 2020 & 2030 (USD Billion)
 - FIG 14. Global Transparent Conductive Films Market, regional snapshot 2020 & 2030
 - FIG 15. North America Transparent Conductive Films Market 2020 & 2030 (USD Billion)
 - FIG 16. Europe Transparent Conductive Films Market 2020 & 2030 (USD Billion)
 - FIG 17. Asia pacific Transparent Conductive Films Market 2020 & 2030 (USD Billion)
 - FIG 18. Latin America Transparent Conductive Films Market 2020 & 2030 (USD Billion)
 - FIG 19. Middle East & Africa Transparent Conductive Films Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

I would like to order

Product name: Global Transparent Conductive Films Market Size study & Forecast, by Material (Indium Tin Oxide (ITO) on Glass, Indium Tin Oxide (ITO) on PET, Silver Nanowire, Carbon Nanotubes, Conductive Polymers, Others) by Application (Smartphones, Notebooks, Tablet, PC, Wearable Devices, Others) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G56334DC91EDEN.html>

Price: US\$ 4,950.00 (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/G56334DC91EDEN.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**

Customer 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