

Global Flexible Printed Heaters Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

https://marketpublishers.com/r/G7A3181D4EB0EN.html

Date: April 2024

Pages: 150

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

ID: G7A3181D4EB0EN

Abstracts

Flexible Printed Heaters are directly printed on polyester (PET), polyimide (PI), polycarbonate, etc. according to user requirements and specific operating parameters. Flexible printed heaters are based on positive temperature coefficient (PTC) materials that enable the heater to control its desired temperature or on fixed resistance heater designs that require a control circuit to control the temperature. The heater can be easily mounted using pressure-sensitive adhesive, field-applied adhesive, Velcro, etc., according to the requirement. It has advantages over conventional heaters such as being light weight, flexible to take place, providing uniform heat distribution, etc.

According to our (Global Info Research) latest study, the global Flexible Printed Heaters market size was valued at US\$ million in 2023 and is forecast to a readjusted size of USD million by 2030 with a CAGR of %during review period.

This report is a detailed and comprehensive analysis for global Flexible Printed Heaters 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 2024, are provided.

Key Features:

Global Flexible Printed Heaters market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030



Global Flexible Printed Heaters market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global Flexible Printed Heaters market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2019-2030

Global Flexible Printed Heaters market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2019-2024

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 Flexible Printed Heaters

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 Flexible Printed Heaters 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 GEOMATEC Co, Nissha, Butler Technologies, Dontech, LINEPRO, Minco Products, Northeast Flex Heaters, SUNTECH, Backer Calesco, Schreiner ProTech, etc.

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

Market Segmentation

Flexible Printed Heaters market is split by Type and by Application. For the period 2019-2030, 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.





Schreiner ProTech		
Canatu		
ATT ADVANCEDTHERMAL TECHNOLOGIES		
CHASM Advanced Materials		
Oribay Group		
Alper		
Quad Industries		
Caliente Termico		
Tangio Printed Electronics		
ALMAX		
Marathon Heater India Private Limited		
Conductive Technologies		
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 Flexible Printed Heaters product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Flexible Printed Heaters, with price, sales quantity, revenue, and global market share of Flexible Printed Heaters from 2019 to 2024.

Chapter 3, the Flexible Printed Heaters competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Flexible Printed Heaters breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2019 to 2030.

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 2019 to 2030.

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 2019 to 2024.and Flexible Printed Heaters market forecast, by regions, by Type, and by Application, with sales and revenue, from 2025 to 2030.

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 Flexible Printed Heaters.

Chapter 14 and 15, to describe Flexible Printed Heaters sales channel, distributors, customers, research findings and conclusion.



Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Flexible Printed Heaters Consumption Value by Type: 2019

Versus 2023 Versus 2030

- 1.3.2 PTC
- 1.3.3 Non-PTC
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Flexible Printed Heaters Consumption Value by Application:
- 2019 Versus 2023 Versus 2030
 - 1.4.2 Consumer Electronics
 - 1.4.3 Automobile
 - 1.4.4 Aerospace
 - 1.4.5 Medical
 - 1.4.6 Others
- 1.5 Global Flexible Printed Heaters Market Size & Forecast
- 1.5.1 Global Flexible Printed Heaters Consumption Value (2019 & 2023 & 2030)
- 1.5.2 Global Flexible Printed Heaters Sales Quantity (2019-2030)
- 1.5.3 Global Flexible Printed Heaters Average Price (2019-2030)

2 MANUFACTURERS PROFILES

- 2.1 GEOMATEC Co
 - 2.1.1 GEOMATEC Co Details
 - 2.1.2 GEOMATEC Co Major Business
 - 2.1.3 GEOMATEC Co Flexible Printed Heaters Product and Services
 - 2.1.4 GEOMATEC Co Flexible Printed Heaters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

- 2.1.5 GEOMATEC Co Recent Developments/Updates
- 2.2 Nissha
 - 2.2.1 Nissha Details
 - 2.2.2 Nissha Major Business
 - 2.2.3 Nissha Flexible Printed Heaters Product and Services
- 2.2.4 Nissha Flexible Printed Heaters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)



- 2.2.5 Nissha Recent Developments/Updates
- 2.3 Butler Technologies
 - 2.3.1 Butler Technologies Details
 - 2.3.2 Butler Technologies Major Business
 - 2.3.3 Butler Technologies Flexible Printed Heaters Product and Services
- 2.3.4 Butler Technologies Flexible Printed Heaters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

- 2.3.5 Butler Technologies Recent Developments/Updates
- 2.4 Dontech
 - 2.4.1 Dontech Details
 - 2.4.2 Dontech Major Business
 - 2.4.3 Dontech Flexible Printed Heaters Product and Services
 - 2.4.4 Dontech Flexible Printed Heaters Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

- 2.4.5 Dontech Recent Developments/Updates
- 2.5 LINEPRO
 - 2.5.1 LINEPRO Details
 - 2.5.2 LINEPRO Major Business
 - 2.5.3 LINEPRO Flexible Printed Heaters Product and Services
 - 2.5.4 LINEPRO Flexible Printed Heaters Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

- 2.5.5 LINEPRO Recent Developments/Updates
- 2.6 Minco Products
 - 2.6.1 Minco Products Details
 - 2.6.2 Minco Products Major Business
 - 2.6.3 Minco Products Flexible Printed Heaters Product and Services
 - 2.6.4 Minco Products Flexible Printed Heaters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

- 2.6.5 Minco Products Recent Developments/Updates
- 2.7 Northeast Flex Heaters
 - 2.7.1 Northeast Flex Heaters Details
 - 2.7.2 Northeast Flex Heaters Major Business
 - 2.7.3 Northeast Flex Heaters Flexible Printed Heaters Product and Services
 - 2.7.4 Northeast Flex Heaters Flexible Printed Heaters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

- 2.7.5 Northeast Flex Heaters Recent Developments/Updates
- 2.8 SUNTECH
 - 2.8.1 SUNTECH Details
 - 2.8.2 SUNTECH Major Business



- 2.8.3 SUNTECH Flexible Printed Heaters Product and Services
- 2.8.4 SUNTECH Flexible Printed Heaters Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

- 2.8.5 SUNTECH Recent Developments/Updates
- 2.9 Backer Calesco
 - 2.9.1 Backer Calesco Details
 - 2.9.2 Backer Calesco Major Business
 - 2.9.3 Backer Calesco Flexible Printed Heaters Product and Services
 - 2.9.4 Backer Calesco Flexible Printed Heaters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

- 2.9.5 Backer Calesco Recent Developments/Updates
- 2.10 Schreiner ProTech
 - 2.10.1 Schreiner ProTech Details
 - 2.10.2 Schreiner ProTech Major Business
 - 2.10.3 Schreiner ProTech Flexible Printed Heaters Product and Services
 - 2.10.4 Schreiner ProTech Flexible Printed Heaters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

- 2.10.5 Schreiner ProTech Recent Developments/Updates
- 2.11 Canatu
 - 2.11.1 Canatu Details
 - 2.11.2 Canatu Major Business
 - 2.11.3 Canatu Flexible Printed Heaters Product and Services
 - 2.11.4 Canatu Flexible Printed Heaters Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

- 2.11.5 Canatu Recent Developments/Updates
- 2.12 ATT ADVANCEDTHERMAL TECHNOLOGIES
- 2.12.1 ATT ADVANCEDTHERMAL TECHNOLOGIES Details
- 2.12.2 ATT ADVANCEDTHERMAL TECHNOLOGIES Major Business
- 2.12.3 ATT ADVANCEDTHERMAL TECHNOLOGIES Flexible Printed Heaters

Product and Services

- 2.12.4 ATT ADVANCEDTHERMAL TECHNOLOGIES Flexible Printed Heaters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.12.5 ATT ADVANCEDTHERMAL TECHNOLOGIES Recent Developments/Updates
- 2.13 CHASM Advanced Materials
 - 2.13.1 CHASM Advanced Materials Details
 - 2.13.2 CHASM Advanced Materials Major Business
 - 2.13.3 CHASM Advanced Materials Flexible Printed Heaters Product and Services
- 2.13.4 CHASM Advanced Materials Flexible Printed Heaters Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2019-2024)



- 2.13.5 CHASM Advanced Materials Recent Developments/Updates
- 2.14 Oribay Group
 - 2.14.1 Oribay Group Details
 - 2.14.2 Oribay Group Major Business
 - 2.14.3 Oribay Group Flexible Printed Heaters Product and Services
 - 2.14.4 Oribay Group Flexible Printed Heaters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

- 2.14.5 Oribay Group Recent Developments/Updates
- 2.15 Alper
 - 2.15.1 Alper Details
 - 2.15.2 Alper Major Business
 - 2.15.3 Alper Flexible Printed Heaters Product and Services
- 2.15.4 Alper Flexible Printed Heaters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.15.5 Alper Recent Developments/Updates
- 2.16 Quad Industries
 - 2.16.1 Quad Industries Details
 - 2.16.2 Quad Industries Major Business
 - 2.16.3 Quad Industries Flexible Printed Heaters Product and Services
 - 2.16.4 Quad Industries Flexible Printed Heaters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

- 2.16.5 Quad Industries Recent Developments/Updates
- 2.17 Caliente Termico
 - 2.17.1 Caliente Termico Details
 - 2.17.2 Caliente Termico Major Business
 - 2.17.3 Caliente Termico Flexible Printed Heaters Product and Services
 - 2.17.4 Caliente Termico Flexible Printed Heaters Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2019-2024)

- 2.17.5 Caliente Termico Recent Developments/Updates
- 2.18 Tangio Printed Electronics
 - 2.18.1 Tangio Printed Electronics Details
 - 2.18.2 Tangio Printed Electronics Major Business
 - 2.18.3 Tangio Printed Electronics Flexible Printed Heaters Product and Services
 - 2.18.4 Tangio Printed Electronics Flexible Printed Heaters Sales Quantity, Average

Price, Revenue, Gross Margin and Market Share (2019-2024)

- 2.18.5 Tangio Printed Electronics Recent Developments/Updates
- 2.19 ALMAX
 - 2.19.1 ALMAX Details
 - 2.19.2 ALMAX Major Business



- 2.19.3 ALMAX Flexible Printed Heaters Product and Services
- 2.19.4 ALMAX Flexible Printed Heaters Sales Quantity, Average Price, Revenue,

Gross Margin and Market Share (2019-2024)

- 2.19.5 ALMAX Recent Developments/Updates
- 2.20 Marathon Heater India Private Limited
 - 2.20.1 Marathon Heater India Private Limited Details
 - 2.20.2 Marathon Heater India Private Limited Major Business
- 2.20.3 Marathon Heater India Private Limited Flexible Printed Heaters Product and Services
- 2.20.4 Marathon Heater India Private Limited Flexible Printed Heaters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
 - 2.20.5 Marathon Heater India Private Limited Recent Developments/Updates
- 2.21 Conductive Technologies
 - 2.21.1 Conductive Technologies Details
 - 2.21.2 Conductive Technologies Major Business
 - 2.21.3 Conductive Technologies Flexible Printed Heaters Product and Services
- 2.21.4 Conductive Technologies Flexible Printed Heaters Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2019-2024)
- 2.21.5 Conductive Technologies Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: FLEXIBLE PRINTED HEATERS BY MANUFACTURER

- 3.1 Global Flexible Printed Heaters Sales Quantity by Manufacturer (2019-2024)
- 3.2 Global Flexible Printed Heaters Revenue by Manufacturer (2019-2024)
- 3.3 Global Flexible Printed Heaters Average Price by Manufacturer (2019-2024)
- 3.4 Market Share Analysis (2023)
- 3.4.1 Producer Shipments of Flexible Printed Heaters by Manufacturer Revenue (\$MM) and Market Share (%): 2023
 - 3.4.2 Top 3 Flexible Printed Heaters Manufacturer Market Share in 2023
- 3.4.3 Top 6 Flexible Printed Heaters Manufacturer Market Share in 2023
- 3.5 Flexible Printed Heaters Market: Overall Company Footprint Analysis
 - 3.5.1 Flexible Printed Heaters Market: Region Footprint
 - 3.5.2 Flexible Printed Heaters Market: Company Product Type Footprint
 - 3.5.3 Flexible Printed Heaters Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION



- 4.1 Global Flexible Printed Heaters Market Size by Region
 - 4.1.1 Global Flexible Printed Heaters Sales Quantity by Region (2019-2030)
 - 4.1.2 Global Flexible Printed Heaters Consumption Value by Region (2019-2030)
- 4.1.3 Global Flexible Printed Heaters Average Price by Region (2019-2030)
- 4.2 North America Flexible Printed Heaters Consumption Value (2019-2030)
- 4.3 Europe Flexible Printed Heaters Consumption Value (2019-2030)
- 4.4 Asia-Pacific Flexible Printed Heaters Consumption Value (2019-2030)
- 4.5 South America Flexible Printed Heaters Consumption Value (2019-2030)
- 4.6 Middle East & Africa Flexible Printed Heaters Consumption Value (2019-2030)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Flexible Printed Heaters Sales Quantity by Type (2019-2030)
- 5.2 Global Flexible Printed Heaters Consumption Value by Type (2019-2030)
- 5.3 Global Flexible Printed Heaters Average Price by Type (2019-2030)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Flexible Printed Heaters Sales Quantity by Application (2019-2030)
- 6.2 Global Flexible Printed Heaters Consumption Value by Application (2019-2030)
- 6.3 Global Flexible Printed Heaters Average Price by Application (2019-2030)

7 NORTH AMERICA

- 7.1 North America Flexible Printed Heaters Sales Quantity by Type (2019-2030)
- 7.2 North America Flexible Printed Heaters Sales Quantity by Application (2019-2030)
- 7.3 North America Flexible Printed Heaters Market Size by Country
 - 7.3.1 North America Flexible Printed Heaters Sales Quantity by Country (2019-2030)
- 7.3.2 North America Flexible Printed Heaters Consumption Value by Country (2019-2030)
 - 7.3.3 United States Market Size and Forecast (2019-2030)
 - 7.3.4 Canada Market Size and Forecast (2019-2030)
- 7.3.5 Mexico Market Size and Forecast (2019-2030)

8 EUROPE

- 8.1 Europe Flexible Printed Heaters Sales Quantity by Type (2019-2030)
- 8.2 Europe Flexible Printed Heaters Sales Quantity by Application (2019-2030)



- 8.3 Europe Flexible Printed Heaters Market Size by Country
- 8.3.1 Europe Flexible Printed Heaters Sales Quantity by Country (2019-2030)
- 8.3.2 Europe Flexible Printed Heaters Consumption Value by Country (2019-2030)
- 8.3.3 Germany Market Size and Forecast (2019-2030)
- 8.3.4 France Market Size and Forecast (2019-2030)
- 8.3.5 United Kingdom Market Size and Forecast (2019-2030)
- 8.3.6 Russia Market Size and Forecast (2019-2030)
- 8.3.7 Italy Market Size and Forecast (2019-2030)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Flexible Printed Heaters Sales Quantity by Type (2019-2030)
- 9.2 Asia-Pacific Flexible Printed Heaters Sales Quantity by Application (2019-2030)
- 9.3 Asia-Pacific Flexible Printed Heaters Market Size by Region
 - 9.3.1 Asia-Pacific Flexible Printed Heaters Sales Quantity by Region (2019-2030)
 - 9.3.2 Asia-Pacific Flexible Printed Heaters Consumption Value by Region (2019-2030)
 - 9.3.3 China Market Size and Forecast (2019-2030)
 - 9.3.4 Japan Market Size and Forecast (2019-2030)
 - 9.3.5 South Korea Market Size and Forecast (2019-2030)
 - 9.3.6 India Market Size and Forecast (2019-2030)
 - 9.3.7 Southeast Asia Market Size and Forecast (2019-2030)
 - 9.3.8 Australia Market Size and Forecast (2019-2030)

10 SOUTH AMERICA

- 10.1 South America Flexible Printed Heaters Sales Quantity by Type (2019-2030)
- 10.2 South America Flexible Printed Heaters Sales Quantity by Application (2019-2030)
- 10.3 South America Flexible Printed Heaters Market Size by Country
 - 10.3.1 South America Flexible Printed Heaters Sales Quantity by Country (2019-2030)
- 10.3.2 South America Flexible Printed Heaters Consumption Value by Country (2019-2030)
 - 10.3.3 Brazil Market Size and Forecast (2019-2030)
 - 10.3.4 Argentina Market Size and Forecast (2019-2030)

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Flexible Printed Heaters Sales Quantity by Type (2019-2030)
- 11.2 Middle East & Africa Flexible Printed Heaters Sales Quantity by Application (2019-2030)



- 11.3 Middle East & Africa Flexible Printed Heaters Market Size by Country
- 11.3.1 Middle East & Africa Flexible Printed Heaters Sales Quantity by Country (2019-2030)
- 11.3.2 Middle East & Africa Flexible Printed Heaters Consumption Value by Country (2019-2030)
 - 11.3.3 Turkey Market Size and Forecast (2019-2030)
 - 11.3.4 Egypt Market Size and Forecast (2019-2030)
 - 11.3.5 Saudi Arabia Market Size and Forecast (2019-2030)
- 11.3.6 South Africa Market Size and Forecast (2019-2030)

12 MARKET DYNAMICS

- 12.1 Flexible Printed Heaters Market Drivers
- 12.2 Flexible Printed Heaters Market Restraints
- 12.3 Flexible Printed Heaters Trends Analysis
- 12.4 Porters Five Forces Analysis
 - 12.4.1 Threat of New Entrants
 - 12.4.2 Bargaining Power of Suppliers
 - 12.4.3 Bargaining Power of Buyers
 - 12.4.4 Threat of Substitutes
 - 12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

- 13.1 Raw Material of Flexible Printed Heaters and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Flexible Printed Heaters
- 13.3 Flexible Printed Heaters Production Process
- 13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

- 14.1 Sales Channel
 - 14.1.1 Direct to End-User
 - 14.1.2 Distributors
- 14.2 Flexible Printed Heaters Typical Distributors
- 14.3 Flexible Printed Heaters Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION



16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer



List Of Tables

LIST OF TABLES

Table 1. Global Flexible Printed Heaters Consumption Value by Type, (USD Million), 2019 & 2023 & 2030

Table 2. Global Flexible Printed Heaters Consumption Value by Application, (USD Million), 2019 & 2023 & 2030

Table 3. GEOMATEC Co Basic Information, Manufacturing Base and Competitors

Table 4. GEOMATEC Co Major Business

Table 5. GEOMATEC Co Flexible Printed Heaters Product and Services

Table 6. GEOMATEC Co Flexible Printed Heaters Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 7. GEOMATEC Co Recent Developments/Updates

Table 8. Nissha Basic Information, Manufacturing Base and Competitors

Table 9. Nissha Major Business

Table 10. Nissha Flexible Printed Heaters Product and Services

Table 11. Nissha Flexible Printed Heaters Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 12. Nissha Recent Developments/Updates

Table 13. Butler Technologies Basic Information, Manufacturing Base and Competitors

Table 14. Butler Technologies Major Business

Table 15. Butler Technologies Flexible Printed Heaters Product and Services

Table 16. Butler Technologies Flexible Printed Heaters Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 17. Butler Technologies Recent Developments/Updates

Table 18. Dontech Basic Information, Manufacturing Base and Competitors

Table 19. Dontech Major Business

Table 20. Dontech Flexible Printed Heaters Product and Services

Table 21. Dontech Flexible Printed Heaters Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 22. Dontech Recent Developments/Updates

Table 23. LINEPRO Basic Information, Manufacturing Base and Competitors

Table 24. LINEPRO Major Business

Table 25. LINEPRO Flexible Printed Heaters Product and Services

Table 26. LINEPRO Flexible Printed Heaters Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 27. LINEPRO Recent Developments/Updates



- Table 28. Minco Products Basic Information, Manufacturing Base and Competitors
- Table 29. Minco Products Major Business
- Table 30. Minco Products Flexible Printed Heaters Product and Services
- Table 31. Minco Products Flexible Printed Heaters Sales Quantity (K Units), Average
- Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 32. Minco Products Recent Developments/Updates
- Table 33. Northeast Flex Heaters Basic Information, Manufacturing Base and Competitors
- Table 34. Northeast Flex Heaters Major Business
- Table 35. Northeast Flex Heaters Flexible Printed Heaters Product and Services
- Table 36. Northeast Flex Heaters Flexible Printed Heaters Sales Quantity (K Units),
- Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 37. Northeast Flex Heaters Recent Developments/Updates
- Table 38. SUNTECH Basic Information, Manufacturing Base and Competitors
- Table 39. SUNTECH Major Business
- Table 40. SUNTECH Flexible Printed Heaters Product and Services
- Table 41. SUNTECH Flexible Printed Heaters Sales Quantity (K Units), Average Price
- (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 42. SUNTECH Recent Developments/Updates
- Table 43. Backer Calesco Basic Information, Manufacturing Base and Competitors
- Table 44. Backer Calesco Major Business
- Table 45. Backer Calesco Flexible Printed Heaters Product and Services
- Table 46. Backer Calesco Flexible Printed Heaters Sales Quantity (K Units), Average
- Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 47. Backer Calesco Recent Developments/Updates
- Table 48. Schreiner ProTech Basic Information, Manufacturing Base and Competitors
- Table 49. Schreiner ProTech Major Business
- Table 50. Schreiner ProTech Flexible Printed Heaters Product and Services
- Table 51. Schreiner ProTech Flexible Printed Heaters Sales Quantity (K Units), Average
- Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 52. Schreiner ProTech Recent Developments/Updates
- Table 53. Canatu Basic Information, Manufacturing Base and Competitors
- Table 54. Canatu Major Business
- Table 55. Canatu Flexible Printed Heaters Product and Services
- Table 56. Canatu Flexible Printed Heaters Sales Quantity (K Units), Average Price
- (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)
- Table 57. Canatu Recent Developments/Updates
- Table 58. ATT ADVANCEDTHERMAL TECHNOLOGIES Basic Information,



Manufacturing Base and Competitors

Table 59. ATT ADVANCEDTHERMAL TECHNOLOGIES Major Business

Table 60. ATT ADVANCEDTHERMAL TECHNOLOGIES Flexible Printed Heaters

Product and Services

Table 61. ATT ADVANCEDTHERMAL TECHNOLOGIES Flexible Printed Heaters Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 62. ATT ADVANCEDTHERMAL TECHNOLOGIES Recent

Developments/Updates

Table 63. CHASM Advanced Materials Basic Information, Manufacturing Base and Competitors

Table 64. CHASM Advanced Materials Major Business

Table 65. CHASM Advanced Materials Flexible Printed Heaters Product and Services

Table 66. CHASM Advanced Materials Flexible Printed Heaters Sales Quantity (K

Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 67. CHASM Advanced Materials Recent Developments/Updates

Table 68. Oribay Group Basic Information, Manufacturing Base and Competitors

Table 69. Oribay Group Major Business

Table 70. Oribay Group Flexible Printed Heaters Product and Services

Table 71. Oribay Group Flexible Printed Heaters Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 72. Oribay Group Recent Developments/Updates

Table 73. Alper Basic Information, Manufacturing Base and Competitors

Table 74. Alper Major Business

Table 75. Alper Flexible Printed Heaters Product and Services

Table 76. Alper Flexible Printed Heaters Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Alper Recent Developments/Updates

Table 78. Quad Industries Basic Information, Manufacturing Base and Competitors

Table 79. Quad Industries Major Business

Table 80. Quad Industries Flexible Printed Heaters Product and Services

Table 81. Quad Industries Flexible Printed Heaters Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 82. Quad Industries Recent Developments/Updates

Table 83. Caliente Termico Basic Information, Manufacturing Base and Competitors

Table 84. Caliente Termico Major Business

Table 85. Caliente Termico Flexible Printed Heaters Product and Services

Table 86. Caliente Termico Flexible Printed Heaters Sales Quantity (K Units), Average



Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 87. Caliente Termico Recent Developments/Updates

Table 88. Tangio Printed Electronics Basic Information, Manufacturing Base and Competitors

Table 89. Tangio Printed Electronics Major Business

Table 90. Tangio Printed Electronics Flexible Printed Heaters Product and Services

Table 91. Tangio Printed Electronics Flexible Printed Heaters Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 92. Tangio Printed Electronics Recent Developments/Updates

Table 93. ALMAX Basic Information, Manufacturing Base and Competitors

Table 94. ALMAX Major Business

Table 95. ALMAX Flexible Printed Heaters Product and Services

Table 96. ALMAX Flexible Printed Heaters Sales Quantity (K Units), Average Price

(US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 97. ALMAX Recent Developments/Updates

Table 98. Marathon Heater India Private Limited Basic Information, Manufacturing Base and Competitors

Table 99. Marathon Heater India Private Limited Major Business

Table 100. Marathon Heater India Private Limited Flexible Printed Heaters Product and Services

Table 101. Marathon Heater India Private Limited Flexible Printed Heaters Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 102. Marathon Heater India Private Limited Recent Developments/Updates

Table 103. Conductive Technologies Basic Information, Manufacturing Base and Competitors

Table 104. Conductive Technologies Major Business

Table 105. Conductive Technologies Flexible Printed Heaters Product and Services

Table 106. Conductive Technologies Flexible Printed Heaters Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2019-2024)

Table 107. Conductive Technologies Recent Developments/Updates

Table 108. Global Flexible Printed Heaters Sales Quantity by Manufacturer (2019-2024) & (K Units)

Table 109. Global Flexible Printed Heaters Revenue by Manufacturer (2019-2024) & (USD Million)

Table 110. Global Flexible Printed Heaters Average Price by Manufacturer (2019-2024) & (US\$/Unit)



- Table 111. Market Position of Manufacturers in Flexible Printed Heaters, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2023
- Table 112. Head Office and Flexible Printed Heaters Production Site of Key Manufacturer
- Table 113. Flexible Printed Heaters Market: Company Product Type Footprint
- Table 114. Flexible Printed Heaters Market: Company Product Application Footprint
- Table 115. Flexible Printed Heaters New Market Entrants and Barriers to Market Entry
- Table 116. Flexible Printed Heaters Mergers, Acquisition, Agreements, and Collaborations
- Table 117. Global Flexible Printed Heaters Consumption Value by Region (2019-2023-2030) & (USD Million) & CAGR
- Table 118. Global Flexible Printed Heaters Sales Quantity by Region (2019-2024) & (K Units)
- Table 119. Global Flexible Printed Heaters Sales Quantity by Region (2025-2030) & (K Units)
- Table 120. Global Flexible Printed Heaters Consumption Value by Region (2019-2024) & (USD Million)
- Table 121. Global Flexible Printed Heaters Consumption Value by Region (2025-2030) & (USD Million)
- Table 122. Global Flexible Printed Heaters Average Price by Region (2019-2024) & (US\$/Unit)
- Table 123. Global Flexible Printed Heaters Average Price by Region (2025-2030) & (US\$/Unit)
- Table 124. Global Flexible Printed Heaters Sales Quantity by Type (2019-2024) & (K Units)
- Table 125. Global Flexible Printed Heaters Sales Quantity by Type (2025-2030) & (K Units)
- Table 126. Global Flexible Printed Heaters Consumption Value by Type (2019-2024) & (USD Million)
- Table 127. Global Flexible Printed Heaters Consumption Value by Type (2025-2030) & (USD Million)
- Table 128. Global Flexible Printed Heaters Average Price by Type (2019-2024) & (US\$/Unit)
- Table 129. Global Flexible Printed Heaters Average Price by Type (2025-2030) & (US\$/Unit)
- Table 130. Global Flexible Printed Heaters Sales Quantity by Application (2019-2024) & (K Units)
- Table 131. Global Flexible Printed Heaters Sales Quantity by Application (2025-2030) & (K Units)



- Table 132. Global Flexible Printed Heaters Consumption Value by Application (2019-2024) & (USD Million)
- Table 133. Global Flexible Printed Heaters Consumption Value by Application (2025-2030) & (USD Million)
- Table 134. Global Flexible Printed Heaters Average Price by Application (2019-2024) & (US\$/Unit)
- Table 135. Global Flexible Printed Heaters Average Price by Application (2025-2030) & (US\$/Unit)
- Table 136. North America Flexible Printed Heaters Sales Quantity by Type (2019-2024) & (K Units)
- Table 137. North America Flexible Printed Heaters Sales Quantity by Type (2025-2030) & (K Units)
- Table 138. North America Flexible Printed Heaters Sales Quantity by Application (2019-2024) & (K Units)
- Table 139. North America Flexible Printed Heaters Sales Quantity by Application (2025-2030) & (K Units)
- Table 140. North America Flexible Printed Heaters Sales Quantity by Country (2019-2024) & (K Units)
- Table 141. North America Flexible Printed Heaters Sales Quantity by Country (2025-2030) & (K Units)
- Table 142. North America Flexible Printed Heaters Consumption Value by Country (2019-2024) & (USD Million)
- Table 143. North America Flexible Printed Heaters Consumption Value by Country (2025-2030) & (USD Million)
- Table 144. Europe Flexible Printed Heaters Sales Quantity by Type (2019-2024) & (K Units)
- Table 145. Europe Flexible Printed Heaters Sales Quantity by Type (2025-2030) & (K Units)
- Table 146. Europe Flexible Printed Heaters Sales Quantity by Application (2019-2024) & (K Units)
- Table 147. Europe Flexible Printed Heaters Sales Quantity by Application (2025-2030) & (K Units)
- Table 148. Europe Flexible Printed Heaters Sales Quantity by Country (2019-2024) & (K Units)
- Table 149. Europe Flexible Printed Heaters Sales Quantity by Country (2025-2030) & (K Units)
- Table 150. Europe Flexible Printed Heaters Consumption Value by Country (2019-2024) & (USD Million)
- Table 151. Europe Flexible Printed Heaters Consumption Value by Country



(2025-2030) & (USD Million)

Table 152. Asia-Pacific Flexible Printed Heaters Sales Quantity by Type (2019-2024) & (K Units)

Table 153. Asia-Pacific Flexible Printed Heaters Sales Quantity by Type (2025-2030) & (K Units)

Table 154. Asia-Pacific Flexible Printed Heaters Sales Quantity by Application (2019-2024) & (K Units)

Table 155. Asia-Pacific Flexible Printed Heaters Sales Quantity by Application (2025-2030) & (K Units)

Table 156. Asia-Pacific Flexible Printed Heaters Sales Quantity by Region (2019-2024) & (K Units)

Table 157. Asia-Pacific Flexible Printed Heaters Sales Quantity by Region (2025-2030) & (K Units)

Table 158. Asia-Pacific Flexible Printed Heaters Consumption Value by Region (2019-2024) & (USD Million)

Table 159. Asia-Pacific Flexible Printed Heaters Consumption Value by Region (2025-2030) & (USD Million)

Table 160. South America Flexible Printed Heaters Sales Quantity by Type (2019-2024) & (K Units)

Table 161. South America Flexible Printed Heaters Sales Quantity by Type (2025-2030) & (K Units)

Table 162. South America Flexible Printed Heaters Sales Quantity by Application (2019-2024) & (K Units)

Table 163. South America Flexible Printed Heaters Sales Quantity by Application (2025-2030) & (K Units)

Table 164. South America Flexible Printed Heaters Sales Quantity by Country (2019-2024) & (K Units)

Table 165. South America Flexible Printed Heaters Sales Quantity by Country (2025-2030) & (K Units)

Table 166. South America Flexible Printed Heaters Consumption Value by Country (2019-2024) & (USD Million)

Table 167. South America Flexible Printed Heaters Consumption Value by Country (2025-2030) & (USD Million)

Table 168. Middle East & Africa Flexible Printed Heaters Sales Quantity by Type (2019-2024) & (K Units)

Table 169. Middle East & Africa Flexible Printed Heaters Sales Quantity by Type (2025-2030) & (K Units)

Table 170. Middle East & Africa Flexible Printed Heaters Sales Quantity by Application (2019-2024) & (K Units)



Table 171. Middle East & Africa Flexible Printed Heaters Sales Quantity by Application (2025-2030) & (K Units)

Table 172. Middle East & Africa Flexible Printed Heaters Sales Quantity by Country (2019-2024) & (K Units)

Table 173. Middle East & Africa Flexible Printed Heaters Sales Quantity by Country (2025-2030) & (K Units)

Table 174. Middle East & Africa Flexible Printed Heaters Consumption Value by Country (2019-2024) & (USD Million)

Table 175. Middle East & Africa Flexible Printed Heaters Consumption Value by Country (2025-2030) & (USD Million)

Table 176. Flexible Printed Heaters Raw Material

Table 177. Key Manufacturers of Flexible Printed Heaters Raw Materials

Table 178. Flexible Printed Heaters Typical Distributors

Table 179. Flexible Printed Heaters Typical Customers



List Of Figures

LIST OF FIGURES

- Figure 1. Flexible Printed Heaters Picture
- Figure 2. Global Flexible Printed Heaters Revenue by Type, (USD Million), 2019 & 2023 & 2030
- Figure 3. Global Flexible Printed Heaters Revenue Market Share by Type in 2023
- Figure 4. PTC Examples
- Figure 5. Non-PTC Examples
- Figure 6. Global Flexible Printed Heaters Consumption Value by Application, (USD
- Million), 2019 & 2023 & 2030
- Figure 7. Global Flexible Printed Heaters Revenue Market Share by Application in 2023
- Figure 8. Consumer Electronics Examples
- Figure 9. Automobile Examples
- Figure 10. Aerospace Examples
- Figure 11. Medical Examples
- Figure 12. Others Examples
- Figure 13. Global Flexible Printed Heaters Consumption Value, (USD Million): 2019 & 2023 & 2030
- Figure 14. Global Flexible Printed Heaters Consumption Value and Forecast (2019-2030) & (USD Million)
- Figure 15. Global Flexible Printed Heaters Sales Quantity (2019-2030) & (K Units)
- Figure 16. Global Flexible Printed Heaters Price (2019-2030) & (US\$/Unit)
- Figure 17. Global Flexible Printed Heaters Sales Quantity Market Share by
- Manufacturer in 2023
- Figure 18. Global Flexible Printed Heaters Revenue Market Share by Manufacturer in 2023
- Figure 19. Producer Shipments of Flexible Printed Heaters by Manufacturer Sales (\$MM) and Market Share (%): 2023
- Figure 20. Top 3 Flexible Printed Heaters Manufacturer (Revenue) Market Share in 2023
- Figure 21. Top 6 Flexible Printed Heaters Manufacturer (Revenue) Market Share in 2023
- Figure 22. Global Flexible Printed Heaters Sales Quantity Market Share by Region (2019-2030)
- Figure 23. Global Flexible Printed Heaters Consumption Value Market Share by Region (2019-2030)
- Figure 24. North America Flexible Printed Heaters Consumption Value (2019-2030) &



(USD Million)

Figure 25. Europe Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 26. Asia-Pacific Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 27. South America Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 28. Middle East & Africa Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 29. Global Flexible Printed Heaters Sales Quantity Market Share by Type (2019-2030)

Figure 30. Global Flexible Printed Heaters Consumption Value Market Share by Type (2019-2030)

Figure 31. Global Flexible Printed Heaters Average Price by Type (2019-2030) & (US\$/Unit)

Figure 32. Global Flexible Printed Heaters Sales Quantity Market Share by Application (2019-2030)

Figure 33. Global Flexible Printed Heaters Revenue Market Share by Application (2019-2030)

Figure 34. Global Flexible Printed Heaters Average Price by Application (2019-2030) & (US\$/Unit)

Figure 35. North America Flexible Printed Heaters Sales Quantity Market Share by Type (2019-2030)

Figure 36. North America Flexible Printed Heaters Sales Quantity Market Share by Application (2019-2030)

Figure 37. North America Flexible Printed Heaters Sales Quantity Market Share by Country (2019-2030)

Figure 38. North America Flexible Printed Heaters Consumption Value Market Share by Country (2019-2030)

Figure 39. United States Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 40. Canada Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 41. Mexico Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 42. Europe Flexible Printed Heaters Sales Quantity Market Share by Type (2019-2030)

Figure 43. Europe Flexible Printed Heaters Sales Quantity Market Share by Application (2019-2030)



- Figure 44. Europe Flexible Printed Heaters Sales Quantity Market Share by Country (2019-2030)
- Figure 45. Europe Flexible Printed Heaters Consumption Value Market Share by Country (2019-2030)
- Figure 46. Germany Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 47. France Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 48. United Kingdom Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 49. Russia Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 50. Italy Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 51. Asia-Pacific Flexible Printed Heaters Sales Quantity Market Share by Type (2019-2030)
- Figure 52. Asia-Pacific Flexible Printed Heaters Sales Quantity Market Share by Application (2019-2030)
- Figure 53. Asia-Pacific Flexible Printed Heaters Sales Quantity Market Share by Region (2019-2030)
- Figure 54. Asia-Pacific Flexible Printed Heaters Consumption Value Market Share by Region (2019-2030)
- Figure 55. China Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 56. Japan Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 57. South Korea Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 58. India Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 59. Southeast Asia Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 60. Australia Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)
- Figure 61. South America Flexible Printed Heaters Sales Quantity Market Share by Type (2019-2030)
- Figure 62. South America Flexible Printed Heaters Sales Quantity Market Share by Application (2019-2030)
- Figure 63. South America Flexible Printed Heaters Sales Quantity Market Share by



Country (2019-2030)

Figure 64. South America Flexible Printed Heaters Consumption Value Market Share by Country (2019-2030)

Figure 65. Brazil Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 66. Argentina Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 67. Middle East & Africa Flexible Printed Heaters Sales Quantity Market Share by Type (2019-2030)

Figure 68. Middle East & Africa Flexible Printed Heaters Sales Quantity Market Share by Application (2019-2030)

Figure 69. Middle East & Africa Flexible Printed Heaters Sales Quantity Market Share by Country (2019-2030)

Figure 70. Middle East & Africa Flexible Printed Heaters Consumption Value Market Share by Country (2019-2030)

Figure 71. Turkey Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 72. Egypt Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 73. Saudi Arabia Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 74. South Africa Flexible Printed Heaters Consumption Value (2019-2030) & (USD Million)

Figure 75. Flexible Printed Heaters Market Drivers

Figure 76. Flexible Printed Heaters Market Restraints

Figure 77. Flexible Printed Heaters Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Flexible Printed Heaters in 2023

Figure 80. Manufacturing Process Analysis of Flexible Printed Heaters

Figure 81. Flexible Printed Heaters Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source



I would like to order

Product name: Global Flexible Printed Heaters Market 2024 by Manufacturers, Regions, Type and

Application, Forecast to 2030

Product link: https://marketpublishers.com/r/G7A3181D4EB0EN.html

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

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G7A3181D4EB0EN.html

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

Lastuanes	
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

