

EMI Shielding Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/EA808EFA7909EN.html>

Date: March 2023

Pages: 144

Price: US\$ 2,499.00 (Single User License)

ID: EA808EFA7909EN

Abstracts

Market Overview 2023-2028:

The global EMI shielding market size reached US\$ 7.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 9.3 Billion by 2028, exhibiting a growth rate (CAGR) of 5.05% during 2023-2028.

Electromagnetic interference (EMI) shielding refers to the process of preventing radio frequency interference (RFI) from damaging sensitive mechanical devices. It involves screening through conductive coatings, metals and laminates, made using copper, aluminum and stainless steel to absorb EMI that is transmitted through the air. It also obstructs the electromagnetic field within a physical space by using barriers of conductive or magnetic materials and minimizes corrosion and oxidation. Owing to this, it finds extensive applications across various industries, including automotive, defense, military, aerospace, healthcare, telecommunications and information technology (IT).

EMI Shielding Market Trends:

Rapid industrialization is one of the key factors driving the growth of the market. Furthermore, widespread utilization of EMI shielding in consumer electronics is also providing a boost to the market growth. In line with this, product manufacturers are using conductive coatings and paints that offer EMI shielding for non-metallic surfaces and plastics in smartphones and telecommunication, medical and military devices. Apart from this, significant growth in the automotive industry is also creating a positive impact on the market growth. EMI shielding is extensively used in this industry in GPS navigation and infotainment systems, hands-free features and Bluetooth devices to ensure minimal EMI and optimal performance of the equipment. Other factors, including

various advancements in the 4G and 5G network technologies, along with the implementation of favorable government policies to minimize electromagnetic radiations in the environment, are projected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global EMI shielding market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on material, shielding method and end-use industry.

Breakup by Material:

- EMI Shielding Tapes and Laminates
- Conductive Coatings and Paints
- Metal Shielding
- Conductive Polymers
- EMI/EMC Filters
- Others

Breakup by Shielding Method:

- Radiation
- Conduction

Breakup by End-Use Industry:

Consumer Electronics

- Smartphones
- Tablets
- Television
- Others

- Telecom and IT
- Automotive
- Healthcare

Defense and Aerospace
Others

Breakup by Region:

North America

United States
Canada

Asia Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others

Europe

Germany
France
United Kingdom
Italy
Spain
Russia
Others

Latin America

Brazil
Mexico
Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being 3M Company, Parker Chomerics (Parker Hannifin Corporation), Dow Inc., ETS-Lindgren (ESCO Technologies Holding Inc), Henkel AG & Co. KGaA, Kitagawa Industries (Nitto Kogyo Corporation), Laird Technologies Inc. (Advent International), Leader Tech Inc. (HEICO Corporation), PPG Industries, RTP Company (Miller Waste Mills Inc.), Schaffner Holding AG and Tech-Etch Inc., etc.

Key Questions Answered in This Report:

What was the size of the global EMI shielding market in 2022?

What is the expected growth rate of the global EMI shielding market during 2023-2028?

What are the key factors driving the global EMI shielding market?

What has been the impact of COVID-19 on the global EMI shielding market?

What is the breakup of the global EMI shielding market based on the material?

What is the breakup of the global EMI shielding market based on the shielding method?

What is the breakup of the global EMI shielding market based on end-use industry?

What are the key regions in the global EMI shielding market?

Who are the key players/companies in the global EMI shielding market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL EMI SHIELDING MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY MATERIAL

- 6.1 EMI Shielding Tapes and Laminates
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Conductive Coatings and Paints
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Metal Shielding

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Conductive Polymers
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 EMI/EMC Filters
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Others
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast

7 MARKET BREAKUP BY SHIELDING METHOD

- 7.1 Radiation
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Conduction
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY END-USE INDUSTRY

- 8.1 Consumer Electronics
 - 8.1.1 Market Trends
 - 8.1.2 Major Types
 - 8.1.2.1 Smartphones
 - 8.1.2.2 Tablets
 - 8.1.2.3 Television
 - 8.1.2.4 Others
 - 8.1.3 Market Forecast
- 8.2 Telecom and IT
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Automotive
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Healthcare
 - 8.4.1 Market Trends

- 8.4.2 Market Forecast
- 8.5 Defense and Aerospace
 - 8.5.1 Market Trends
 - 8.5.2 Market Forecast
- 8.6 Others
 - 8.6.1 Market Trends
 - 8.6.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America
 - 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
 - 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

9.3.2.1 Market Trends

9.3.2.2 Market Forecast

9.3.3 United Kingdom

9.3.3.1 Market Trends

9.3.3.2 Market Forecast

9.3.4 Italy

9.3.4.1 Market Trends

9.3.4.2 Market Forecast

9.3.5 Spain

9.3.5.1 Market Trends

9.3.5.2 Market Forecast

9.3.6 Russia

9.3.6.1 Market Trends

9.3.6.2 Market Forecast

9.3.7 Others

9.3.7.1 Market Trends

9.3.7.2 Market Forecast

9.4 Latin America

9.4.1 Brazil

9.4.1.1 Market Trends

9.4.1.2 Market Forecast

9.4.2 Mexico

9.4.2.1 Market Trends

9.4.2.2 Market Forecast

9.4.3 Others

9.4.3.1 Market Trends

9.4.3.2 Market Forecast

9.5 Middle East and Africa

9.5.1 Market Trends

9.5.2 Market Breakup by Country

9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 COMPETITIVE LANDSCAPE

- 13.1 Market Structure
- 13.2 Key Players
- 13.3 Profiles of Key Players
 - 13.3.1 3M Company
 - 13.3.1.1 Company Overview
 - 13.3.1.2 Product Portfolio
 - 13.3.1.3 Financials
 - 13.3.1.4 SWOT Analysis
 - 13.3.2 Parker Chomerics (Parker Hannifin)
 - 13.3.2.1 Company Overview
 - 13.3.2.2 Product Portfolio
 - 13.3.3 Dow Inc.
 - 13.3.3.1 Company Overview
 - 13.3.3.2 Product Portfolio
 - 13.3.3.3 Financials
 - 13.3.4 ETS-Lindgren (ESCO Technologies Holding Inc.)
 - 13.3.4.1 Company Overview
 - 13.3.4.2 Product Portfolio
 - 13.3.5 Henkel AG & Co. KGaA
 - 13.3.5.1 Company Overview

- 13.3.5.2 Product Portfolio
- 13.3.5.3 Financials
- 13.3.5.4 SWOT Analysis
- 13.3.6 Kitagawa Industries (Nitto Kogyo Corporation)
 - 13.3.6.1 Company Overview
 - 13.3.6.2 Product Portfolio
 - 13.3.6.3 Financials
- 13.3.7 Laird Technologies Inc. (Advent International)
 - 13.3.7.1 Company Overview
 - 13.3.7.2 Product Portfolio
- 13.3.8 Leader Tech Inc. (HEICO Corporation)
 - 13.3.8.1 Company Overview
 - 13.3.8.2 Product Portfolio
- 13.3.9 PPG Industries
 - 13.3.9.1 Company Overview
 - 13.3.9.2 Product Portfolio
 - 13.3.9.3 Financials
 - 13.3.9.4 SWOT Analysis
- 13.3.10 RTP Company (Miller Waste Mills Inc.)
 - 13.3.10.1 Company Overview
 - 13.3.10.2 Product Portfolio
- 13.3.11 Schaffner Holding AG
 - 13.3.11.1 Company Overview
 - 13.3.11.2 Product Portfolio
 - 13.3.11.3 Financials
- 13.3.12 Tech-Etch Inc.
 - 13.3.12.1 Company Overview
 - 13.3.12.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: EMI Shielding Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: EMI Shielding Market Forecast: Breakup by Material (in Million US\$), 2023-2028

Table 3: Global: EMI Shielding Market Forecast: Breakup by Shielding Method (in Million US\$), 2023-2028

Table 4: Global: EMI Shielding Market Forecast: Breakup by End-Use Industry (in Million US\$), 2023-2028

Table 5: Global: EMI Shielding Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: EMI Shielding Market: Competitive Structure

Table 7: Global: EMI Shielding Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: EMI Shielding Market: Major Drivers and Challenges

Figure 2: Global: EMI Shielding Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: EMI Shielding Market: Breakup by Material (in %), 2022

Figure 4: Global: EMI Shielding Market: Breakup by Shielding Method (in %), 2022

Figure 5: Global: EMI Shielding Market: Breakup by End-Use Industry (in %), 2022

Figure 6: Global: EMI Shielding Market: Breakup by Region (in %), 2022

Figure 7: Global: EMI Shielding Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 8: Global: EMI Shielding (EMI Shielding Tapes and Laminates) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: EMI Shielding (EMI Shielding Tapes and Laminates) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: EMI Shielding (Conductive Coatings and Paints) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: EMI Shielding (Conductive Coatings and Paints) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: EMI Shielding (Metal Shielding) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: EMI Shielding (Metal Shielding) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: EMI Shielding (Conductive Polymers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: EMI Shielding (Conductive Polymers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: EMI Shielding (EMI/EMC Filters) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: EMI Shielding (EMI/EMC Filters) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: EMI Shielding (Other Materials) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: EMI Shielding (Other Materials) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: EMI Shielding (Radiation Shielding) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: EMI Shielding (Radiation Shielding) Market Forecast: Sales Value (in

Million US\$), 2023-2028

Figure 22: Global: EMI Shielding (Conduction Shielding) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: EMI Shielding (Conduction Shielding) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: EMI Shielding (Consumer Electronics) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: EMI Shielding (Consumer Electronics) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: EMI Shielding (Telecom and IT) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: EMI Shielding (Telecom and IT) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: EMI Shielding (Automotive) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: EMI Shielding (Automotive) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: EMI Shielding (Healthcare) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: EMI Shielding (Healthcare) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: Global: EMI Shielding (Defense and Aerospace) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: Global: EMI Shielding (Defense and Aerospace) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: Global: EMI Shielding (Other Industries) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: Global: EMI Shielding (Other Industries) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: North America: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: North America: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: United States: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: United States: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: Canada: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: Canada: EMI Shielding Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 42: Asia Pacific: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Asia Pacific: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: China: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: China: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: Japan: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: Japan: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: India: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: India: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: South Korea: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: South Korea: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Australia: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Australia: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Indonesia: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Indonesia: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Others: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Others: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: Europe: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: Europe: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: Germany: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: Germany: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: France: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: France: EMI Shielding Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: United Kingdom: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: United Kingdom: EMI Shielding Market Forecast: Sales Value (in Million

US\$), 2023-2028

Figure 66: Italy: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Italy: EMI Shielding Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 68: Spain: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Spain: EMI Shielding Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 70: Russia: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 71: Russia: EMI Shielding Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 72: Others: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Others: EMI Shielding Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 74: Latin America: EMI Shielding Market: Sales Value (in Million US\$), 2017 &
2022

Figure 75: Latin America: EMI Shielding Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 76: Brazil: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Brazil: EMI Shielding Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 78: Mexico: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 79: Mexico: EMI Shielding Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 80: Others: EMI Shielding Market: Sales Value (in Million US\$), 2017 & 2022

Figure 81: Others: EMI Shielding Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 82: Middle East and Africa: EMI Shielding Market: Sales Value (in Million US\$),
2017 & 2022

Figure 83: Middle East and Africa: EMI Shielding Market Forecast: Sales Value (in
Million US\$), 2023-2028

Figure 84: Global: EMI Shielding Industry: SWOT Analysis

Figure 85: Global: EMI Shielding Industry: Value Chain Analysis

Figure 86: Global: EMI Shielding Industry: Porter's Five Forces Analysis

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