

EMI/RFI: Materials and Technologies

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Abstracts

Report Scope:

This report segments the EMI/RFI materials and technologies market based on shielding method and region. The report provides an overview of the global EMI/RFI technologies market and analyzes market trends. Using 2022 as the base year, the report provides estimated market data for the forecast period 2023 through 2028.

The EMI/RFI materials and technologies market is segmented by shielding method and region into the following %li%

Shielding method: conductive coatings, metal cabinets, conductive plastics, laminates/tapes/foils and miscellaneous.

Region: North America, Europe and Asia-Pacific.

Technologies and materials specific to EMI/RFI shielding are also identified and analyzed in terms of their impact on plastics and the other materials. Trends in components and devices used in the electronics medical, automotive, and consumer products industries are also included in the report.

This report also discusses the current state of the electronics industry as well as other related industries, the market for plastics-based shielding options, key participants, shielding technologies, materials, shielding components, global developments, and examples of global regulatory standards and environmental issues confronting the electronic shielding business.

The report explains the relevant and upcoming technologies, and it covers the

qualitative aspects of the market in broad detail. The scope of the report covers an overview of the global market for EMI/RFI materials and technologies and an analysis of the global market trends. The sales values are presented in U.S. dollars. The estimated values used are based on manufacturers' total revenues.

Furthermore, the study also discusses market dynamics such as drivers, restraints, opportunities and challenges. It also examines new and emerging trends and their impact on current and future market dynamics.

Report Includes:

39 data tables and 68 additional tables

An overview of the global market landscape related to the materials and technologies of electromagnetic interference (EMI) and radio-frequency interference (RFI)

In-depth analysis of global market trends, featuring historical revenue data for 2022, estimated figures for 2023, as well as forecasts for 2028. This analysis includes projections of Compound Annual Growth Rates (CAGRs) spanning through 2028

Evaluation of the current market size and revenue growth prospects specific to materials and technologies of electromagnetic interference (EMI) and radio-frequency interference (RFI), accompanied by a comprehensive market share analysis categorized by type, and geographical region

Coverage of issues surrounding the ever-increasing frequencies being encountered along with the proliferation of wireless devices that may result in the shifting of shielding options

Assessment of the impact of other technologies, such as bluetooth, absorptive EMI, and fiber optics

Discussion of trends in components and devices used in electronics and other industries, such as medical, automotive, and consumer products

Examination of the current state of the electronics and other industries, the market for plastics-based shielding options, key participants, shielding

technologies, patents, materials, shielding components, and a time line of global developments

Information on basic concepts, compliance testing and certification related to the industry and insights into regulatory and standards bodies and directives and U.S. food and drug administration requirement

Company profiles of major players within the industry, including 3M, The Dow Chemical Co., Parker-Hannifin Corp., and PPG Industries Inc.

Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
What's New in this Update?
Methodology
Information Sources
Geographic Breakdown
Segmentation Breakdown

CHAPTER 2 SUMMARY AND HIGHLIGHTS

Market Outlook
Summary Highlights
Market Size

CHAPTER 3 MARKET OVERVIEW

Overview
Major Issues Confronting the EMI/RFI Market
Macroeconomic Factors Impacting Market
Economic Growth and Post-Pandemic Impact on the Market
Electromagnetic Compliance
Electronic Standards
Purpose of EMC Standards/Regulations
Basic Concepts
Compliance Testing and Certification
Regulatory and Standards Bodies and Directives
The Federal Communications Commission Requirements
Other Environmental Regulations
Extended EMC Regulations

CHAPTER 4 MARKET DYNAMICS

Market Drivers
Advancement of Telecom Networks Will Increase EMI/RFI Shielding Demand

EMI/RFI Shielding Solutions for Defense and Aerospace Applications
Rising Demand for EMI/RFI Protection for Medical Devices and Equipment
Rising Adoption of Electric Vehicles and Increasing Percentage of Electronic Content per Vehicle
Market Challenges
Trade-Off Between Miniaturization and EMI/RFI Shielding of Various Electronic Devices
Environmental Issues Regarding Disposal of Electronic Items
Complexities of Global Testing and Certifications
Market Trends and Opportunities
Rising Demand for Cloud Services Due to Growth in Data Center Interconnect
Environmentally Friendly EMI/RFI Materials
Recycling

CHAPTER 5 EMI/RFI: BASIC CONCEPTS

Symbols and Terminology
Electromagnetic Energy
Radiation
Conduction
Impedance
Electrostatic Discharge
Electromagnetic Fields
Electromagnetic and Radio Frequency Interference
Definitions and Ranges

CHAPTER 6 SHIELDING MECHANISMS

Overview
Background
EMI Shielding Overview
Shielding Effectiveness
Attenuation
Electromagnetic Compatibility
EM Control
Shielding Performance
Absorption
Reflectance
Permeability
Galvanic Corrosion and Metals Compatibility

Relationship between Conductivity and Resistivity
Effects of EMI/RFI and Static Electricity
Importance of Radio Frequency Ranges
Controlling EMI/RFI Background

CHAPTER 7 SHIELDING TECHNOLOGIES AND MATERIALS

Overview
Metallization Processes Overview
Metallization Materials
Shielding Effectiveness Overview, by Coating Type
Conductive Plastics
Background
Formulation Options
Conductive Plastics
Dielectric Properties of Plastics
Techniques for Making Plastics Conductive
Conductive Material Types
Functions
Conductive Additive Selection
Conductivity Tests
Advantages and Disadvantages of Conductive Plastics
Compounding Conductive Plastics
Companies Producing Conductive Plastics
Conductive Plastic Additives
Carbon Nanotubes
Conductive Films
Companies Operating in Conductive Films
Recent Developments in Conductive Films
Inherently Conductive Polymers
Polyanilines
Prospects
Conductivities of ICPs Compared with That of Metals, Semiconductors and Insulators
Processing Options
Recent EMI Shielding Developments
Conductive Elastomers
Technology and Applications Related to EMI
Recent Developments
Conductive Coatings

Background
Electrically Conductive Coating Applications
EMI Shielding Compounds Compared with Other Conductive Coatings
Conductive Coating Issues
Comparison of Conductive Coatings
Performance of Alternate Conductive Coatings
Advantages and Disadvantages
Coating Binders
Solvent-Based versus Waterborne Conductive Coatings
Copper, Nickel and Silver Usage
Electroplated Coatings
Recent Developments
Electroless Plating
Overview
Measuring Shielding Effectiveness
Direct Plate
Companies Involved in Electroless Plating
Environmental Issues with Electroless Plating
Military Specifications
Other Specifications
Recent Developments
Vacuum Metallization
Background
Technology
Advantages and Disadvantages
Industry Test Methods
Vacuum Metallization Processes
Companies Involved in Vacuum Metallizing
Conductive Paints
Copper
Silver
Nickel
Technologies Involved
Solvent Versus Waterborne
Paint Thicknesses
Other Variables
Conductive Paint Application
Shielding Performance
Conductive Painted Plastics

Conductive Paint Specifying Industries
Selected Technical Advances in Conductive Paint Technology
Globally Accessible Infrastructure to Support Programs
Common Painted Plastics
Thermal Spray
Technology
Advantages and Disadvantages
Improvements in the Process
International Thermal Spray Association
Laminates, Metallized Foils and Tapes
Flexible Foil Laminates
Adhesive Metal Tapes
Fabric Tapes
Ferrites
Background
Properties
Choosing Ferrites for EMI Suppression
Ferrite Shapes and Applications
Companies Marketing Soft Ferrites
Recent Development
Performance Comparisons
EMC Shielding and End-User Requirements

CHAPTER 8 SHIELDING COMPONENTS

Gaskets
Technology
Essential Features When Evaluating EMI Gaskets
Properties
Selecting Gasket Types
Gasket Types by Material
Technical and Commercial Considerations
Installation Costs
Shielding Gaskets for Higher Frequencies
Testing
Design Considerations for Gaskets in EMI Shielding
Filters
Additional Technical Information
Guidelines for Filter Selection

Applications
Lossy Line or Dissipative Filters
Connectors and Cables
Cable Construction
EMI Cable Shielding and Absorbing Materials
Windows
Materials
Shielding Performance
Material Advantages and Disadvantages
Maintenance and Performance Issues
Enclosures
Challenges
Technology Issues
Aesthetics
Shielding of Apertures
EMI Leakage
Advantages and Disadvantages
Enclosure Design Considerations
Summing Up the Issues of EMI and Shielded Enclosures
Architectural Shielding
Background
Shielded Room Construction Types
Components
Other Shielding Components
Braids
Foil Shields
Adhesives

CHAPTER 9 QUANTITATIVE ASPECTS OF EMI/RFI MATERIALS AND TECHNOLOGIES MARKET

Overview
EMI/RFI Shielding Market by Method
Volumes
Value
Metal Cabinet Market Estimates
Conductive Plastics Market Estimates
Miscellaneous EMI/RFI Shielding Product Market Estimates

CHAPTER 10 ADDITIONAL PATTERNS AND USAGE OF SELECTED EMI/RFI SHIELDING PRODUCTS

Conductive Coatings
Laminates and Tapes
Conductive Plastics and Elastomers
Miscellaneous Shielding

CHAPTER 11 INDUSTRY/SHIELDING INTERFACE

Electronics Industry
Trends in the Electronics Industry
EMI Shielding Trends
Transportation Industry
Automobiles
Aircraft Industry
Drones
Healthcare Industry
Potential EMI Problems with Medical Implants
Efforts to Minimize EMI Problems in the Medical Industry
Minimizing Risk and Maximizing Benefits of Mobile Phones in Hospitals
Wireless Electronic Equipment Effects in Hospitals
Critical Hospital EMI Areas
Managing Hospital EMC
Materials Used for Shielding Medical Devices
Medical EMC Standards
Recent Developments
Appliances
Overview
EMC Compliance
Other Consumer Products
Military Applications
High Potential for Interference
Vulnerable Systems

CHAPTER 12 SUSTAINABILITY IN THE EMI/RFI MATERIALS AND TECHNOLOGIES MARKET

Sustainable Manufacturing for the Electronics Sector to Reduce Carbon Emissions

Importance of ESG in the EMI/RFI Materials Market
ESG Ratings and Metrics: Understanding the Data
Current Status of ESG in the Market for EMI/RFI Materials and Technologies
ESG Score Analysis
ESG Risk Scale, Exposure Scale and Management Scale
Concluding Remarks from BCC

CHAPTER 13 COMPETITIVE LANDSCAPE

Introduction
Vendor Analysis
Major Strategic Developments
Recent Developments by Key Players

CHAPTER 14 COMPANY PROFILES

Profiles of Key Players

3M

CTS CORP.
THE DOW CHEMICAL CO.
DUPONT DE NEMOURS INC.
HENKEL AG & CO. KGAA
LEADER TECH INC.
PARKER HANNIFIN CORP.
PPG INDUSTRIES INC.
RTP CO.
SCHAFFNER HOLDING AG
Profiles of Other Key Players
AD-VANCE MAGNETICS
A.K. STAMPING CO. INC.
ALCO TECHNOLOGIES
AMUNEAL MANUFACTURING CORP.
CHANG GU CHUAN TECHNOLOGY CO. LTD.
CHANGZHOU PIONEER ELECTRONIC CO. LTD.
CHINA EMI SHIELDING MATERIALS CO. LTD.
COILCRAFT INC.
CYBERSHIELD INC.

ELASTOMERIC SPECIALTIES INC.
ETS-LINDGREN L.P.
FERRONICS INC.
FUJIPOLY AMERICA CORP.
GREENE RUBBER CO.
JINAN EMI SHIELDING TECHNOLOGY CO. LTD.
KITAGAWA INDUSTRIES AMERICA INC.
MACDERMID ENTHONE INC.
MAGNETIC SHIELD CORP.
MAJR PRODUCTS
MARIAN INC.
MARTEK INC.
MICROSORB TECHNOLOGIES
MUSHIELD CO. INC.
OMEGA SHIELDING PRODUCTS INC.
ORION INDUSTRIES INC.
PREMIX THERMOPLASTICS
PRESSCUT INDUSTRIES INC.
SAS INDUSTRIES INC.
SCHLEGEL ELECTRONIC MATERIALS
SHIELDEX US
STOCKWELL ELASTOMERICS INC.
SWIFT TEXTILE METALIZING LLC
TDK RF SOLUTIONS INC.
TECH-ETCH INC.
THRUST INDUSTRIES
VTI VACUUM TECHNOLOGIES
THE ZIPPERTUBING CO.

CHAPTER 15 APPENDIX: ACRONYMS

List Of Tables

LIST OF TABLES

Summary Table : Global Market for EMI/RFI Materials and Technologies, by Method, Through 2028

Table 1 : Electromagnetic Compatibility Cost Estimate

Table 2 : System International d'Unit? (SI) and Their Symbols

Table 3 : System International d'Unit? (SI) Prefixes and Their Symbols

Table 4 : Frequency Levels and Band Names

Table 5 : EMI Transmitters and Receivers

Table 6 : Shielding Effectiveness Ratings

Table 7 : Typical Low-Frequency Magnetic Shielding Materials and Their Properties

Table 8 : Anodic Indices for Metals

Table 9 : EMI Shielding Compounds Versus Conductive Coatings

Table 10 : Metallization Material for Functional Coatings

Table 11 : Shielding Effectiveness of Key Coatings

Table 12 : Dielectric Constants for Selected Materials

Table 13 : Options for Making Plastics Conductive

Table 14 : Surface Resistivity for Electronic Device Substrates

Table 15 : Resistance Spectrum of Methods for Making Plastics Conductive

Table 16 : Key Companies Producing Conductive Plastics, 2022

Table 17 : Advantages and Disadvantages of Stainless-Steel Fibers

Table 18 : Key Suppliers of Carbon Nanotubes, 2022

Table 19 : Companies Operating in the Conductive Films, 2022

Table 20 : Conductivities of ICPs Compared with Metal, Semiconductors and Insulators

Table 21 : Processing Types Employed for ICPs

Table 22 : Stability and Processing Attributes of Key ICPs

Table 23 : Shielding Effectiveness of Conductive Elastomers

Table 24 : Comparative Testing of Conductive Elastomers for Galvanic Corrosion

Table 25 : Comparing EMI Shielding Compounds and Conductive Coatings, by Several Key Variables

Table 26 : Comparison of Conductive Coatings, by Conductivity and Shielding Effectiveness

Table 27 : Advantages and Disadvantages of Conductive Coatings for EMI Shielding

Table 28 : Global Conductive Coating Companies, 2022

Table 29 : Electroless Plating Process

Table 30 : Advantages and Disadvantages of Electroless Plating for EMI/RFI Shielding

Table 31 : Applications Using Electroless Plating for EMI/RFI Shielding

- Table 32 : The Sequence of Steps for Electroless Plating of Plastics
- Table 33 : Relative Conductivity of Shielding Metals
- Table 34 : Key Suppliers of Electroless Plating Products
- Table 35 : Advantages and Disadvantages of Vacuum Metallization for EMI/RFI Shielding
- Table 36 : Vacuum Metallizing Companies
- Table 37 : Advantages and Disadvantages of Zinc Arc Spray for EMI/RFI Shielding
- Table 38 : Parameters for Ferrite Selection
- Table 39 : Ferrite Devices and Corresponding Applications
- Table 40 : Ferrite Applications by Shape
- Table 41 : Key Companies Marketing Soft Ferrites, 2022
- Table 42 : Strengths and Weaknesses of Key EMI Shielding Options
- Table 43 : Typical Shielding Effectiveness for Major Gasket Types
- Table 44 : Comparison of Window Shielding Materials
- Table 45 : Advantages and Disadvantages of Metal Cabinets for EMI Shielding
- Table 46 : Comparison of Architectural Shielding Technologies
- Table 47 : Global Market Volumes of EMI/RFI Materials and Technologies, by Method, Through 2028
- Table 48 : North American Market Volumes of EMI/RFI Materials and Technologies, by Method, Through 2028
- Table 49 : European Market Volumes of EMI/RFI Materials and Technologies, by Method, Through 2028
- Table 50 : Asia-Pacific Market Volumes of EMI/RFI Materials and Technologies, by Method, Through 2028
- Table 51 : Global Market Volumes of Conductive Coatings, by Type, Through 2028
- Table 52 : North American Market Volumes of Conductive Coatings, by Type, Through 2028
- Table 53 : European Market Volumes of Conductive Coatings, by Type, Through 2028
- Table 54 : Asia-Pacific Market Volumes of Conductive Coatings, by Type, Through 2028
- Table 55 : Average Estimated Costs of EMI/RFI Shielding Methods, 2022
- Table 56 : Global Market for EMI/RFI Materials and Technologies, by Method, Through 2028
- Table 57 : North American Market for EMI/RFI Materials and Technologies, by Method, Through 2028
- Table 58 : European Market for EMI/RFI Materials and Technologies, by Method, Through 2028
- Table 59 : Asia-Pacific Market for EMI/RFI Materials and Technologies, by Method, Through 2028
- Table 60 : Global Market for Conductive Coatings, by Type Through 2028

Table 61 : North American Market for Conductive Coatings, by Type, Through 2028

Table 62 : European Market for Conductive Coatings, by Type, Through 2028

Table 63 : Asia-Pacific Market for Conductive Coatings, by Type, Through 2028

Table 64 : Global Market for Metal Cabinets in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 65 : North American Market for Metal Cabinets in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 66 : European Market for Metal Cabinets in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 67 : Asia-Pacific Market for Metal Cabinets in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 68 : Global Market for Conductive Plastics in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 69 : North American Market for Conductive Plastics in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 70 : European Market for Conductive Plastics in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 71 : Asia-Pacific Market for Conductive Plastics in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 72 : Global Market for Miscellaneous Products in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 73 : North American Market for Miscellaneous Products in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 74 : European Market for Miscellaneous Products in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 75 : Asia-Pacific Market for Miscellaneous Products in EMI/RFI Materials and Technologies, by Volume and Value, Through 2028

Table 76 : Typical Frequencies and Field Strengths for Types of Transmitters

Table 77 : EMI/RFI Sources in the U.S.

Table 78 : Components with EMI/RFI and ESD Solution and Industries Involved

Table 79 : Automotive EMC Standards

Table 80 : Selected European Automotive EMC Standards

Table 81 : Selected SAE Automotive EMC Standards

Table 82 : Medical EMC Standards, 2022

Table 83 : IEC 60601-1 EMC Standard for Medical Electrical Equipment, General Requirements for Safety

Table 84 : ESG Ratings and Metrics: Understanding the Data

Table 85 : Current Status of ESG in the Market for EMI/RFI Materials and Technologies

Table 86 : Risk Scale, Exposure Scale and Management Scale

Table 87 : Recent Developments in Market for EMI/RFI Materials and Technologies, 2020 Through 2023

Table 88 : 3M: Financial Measures, 2021 and 2022

Table 89 : 3M: Market for EMI/RFI Materials and Technologies Product Portfolio

Table 90 : CTS Corp.: Financial Measures, 2021 and 2022

Table 91 : CTS Corp.: Market for EMI/RFI Materials and Technologies Product Portfolio

Table 92 : The Dow Chemical Co.: Financial Measures, 2021 and 2022

Table 93 : The Dow Chemical Co.: Market for EMI/RFI Materials and Technologies Product Portfolio

Table 94 : DuPont de Nemours Inc.: Financial Measures, 2021 and 2022

Table 95 : DuPont de Nemours Inc.: Market for EMI/RFI Materials and Technologies Product Portfolio

Table 96 : Henkel AG & Co. KGAA: Financial Measures, 2021 and 2022

Table 97 : Henkel AG & Co. KGAA: Market for EMI/RFI Materials and Technologies Product Portfolio

Table 98 : HEICO Corp.: Financial Measures, 2021 and 2022

Table 99 : Leader Tech Inc.: Market for EMI/RFI Materials and Technologies Product Portfolio

Table 100 : Parker Hannifin Corp.: Financial Measures, 2021 and 2022

Table 101 : Parker Hannifin Corp.: Market for EMI/RFI Materials and Technologies Product Portfolio

Table 102 : PPG Industries Inc.: Financial Measures, 2021 and 2022

Table 103 : PPG Industries Inc.: Market for EMI/RFI Materials and Technologies

Table 104 : Schaffner Holding AG: Financial Measures, 2021 and 2022

Table 105 : Schaffner Holding AG: Market for EMI/RFI Materials and Technologies Product Portfolio

Table 106 : Acronyms and Glossary of Terms Used in This Report

List Of Figures

LIST OF FIGURES

Summary Figure : Global Market Shares of EMI/RFI Materials and Technologies, by Method, 2022

Figure A : Research Methodology for Global Market for EMI/RFI Materials and Technologies

Figure 1 : Environmental Score of Major Companies

Figure 2 : Social Score of Major Companies

Figure 3 : Governance Score of Major Companies

Figure 4 : Total Score of Major Companies

Figure 5 : Key Development Strategies in the Market for EMI/RFI Materials and Technologies, 2019 through 2023

Figure 6 : Analysis of Key Development Strategies, by Key Players in the Market for EMI/RFI Materials and Technologies, 2019 through 2023

Figure 7 : 3M: Financial Measures, 2021 and 2022

Figure 8 : 3M: Revenue Share, by Business Unit, 2022

Figure 9 : 3M: Revenue Share, by Country/Region, 2022

Figure 10 : CTS Corp.: Financial Measures, 2021 and 2022

Figure 11 : CTS Corp.: Revenue Share, by Business Unit, 2022

Figure 12 : CTS Corp.: Revenue Share, by Country/Region, 2022

Figure 13 : The Dow Chemical Co.: Financial Measures, 2021 and 2022

Figure 14 : The Dow Chemical Co.: Revenue Share, by Business Unit, 2022

Figure 15 : The Dow Chemical Co.: Revenue Share, by Country/Region, 2022

Figure 16 : DuPont de Nemours Inc.: Financial Measures, 2021 and 2022

Figure 17 : DuPont de Nemours Inc.: Revenue Share, by Business Unit, 2022

Figure 18 : DuPont de Nemours Inc.: Revenue Share, by Country/Region, 2022

Figure 19 : Henkel AG & Co. KGAA: Financial Measures, 2021 and 2022

Figure 20 : Henkel AG & Co. KGAA: Revenue Share, by Business Unit, 2022

Figure 21 : Henkel AG & Co. KGAA: Revenue Share, by Country/Region, 2022

Figure 22 : HEICO Corp.: Financial Measures, 2021 and 2022

Figure 23 : HEICO Corp.: Revenue Share, by Business Unit, 2022

Figure 24 : HEICO Corp.: Revenue Share, by Country/Region, 2022

Figure 25 : Parker Hannifin Corp.: Financial Measures, 2021 and 2022

Figure 26 : Parker Hannifin Corp.: Revenue Share, by Business Unit, 2022

Figure 27 : Parker Hannifin Corp.: Revenue Share, by Country/Region, 2022

Figure 28 : PPG Industries Inc.: Financial Measures, 2021 and 2022

Figure 29 : PPG Industries Inc.: Revenue Share, by Business Unit, 2022

Figure 30 : PPG Industries Inc: Revenue Share, by Country/Region, 2022

Figure 31 : Schaffner Holding AG: Financial Measures, 2021 and 2022

Figure 32 : Schaffner Holding AG: Revenue Share, by Business Unit, 2022

Figure 33 : Schaffner Holding AG: Revenue Share, by Country/Region, 2022

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