

Advanced Protective Gear and Armor

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Abstracts

Report Scope:

The protective clothing, gear and armor markets represent a fragmented industry. There are significant and specific segments of the protective clothing, gear and armor industry. Within each of these segments are a variety of players, including government organizations that create, develop and enforce regulations and standards, raw material suppliers, fiber and fabric manufacturers, mills and fabric producers, finished goods manufacturers and suppliers and distributors. As a result of the complexity, supply chains sometimes may be difficult to understand.

This report focuses on the major material types and the designers of the products instead of on product distributors. One large corporation, through many of its parts, may be involved in all sectors of the supply chain.

This study focuses on the following major sectors of the global advanced protective gear and armor market -

Heat and flame-resistant clothing, including firefighters' turnout gear for structural, proximity and wildlands fire service, as well as industrial fire-resistant garments for use in electric and gas utilities or in industrial applications in which electric arc and flash fire are hazards.

Chemical protective garments and equipment, including chemical-resistant clothing, chemical or biological warfare and protective suits and gloves used in industrial applications. Much of this same gear can be used for biological protection.

Respirators and ancillary components for fire and chemical/biological situations.

Body and vehicular armor, including bullet and fragmentation-resistant garments used in law enforcement and military applications.

Body armor, including bullet-resistant garments used in law enforcement and military applications. This includes the retrofitting of vehicles using the same types of materials and some of the newer engineered in-place vehicle armor.

Sports protective gear is excluded in this report.

This report discusses the chemical/biological, fire and projectiles/explosives segments, including the regulations, raw materials, technologies, market size and anticipated growth. Manufacturers are evaluated and listed at the conclusion of each of the appropriate sections.

The market estimates and forecasts are based on a thorough analysis of the annual sales, market dynamics, product penetration as well as several other factors.

Nuclear protective gear is excluded from discussion because no truly protective clothing exists for severe nuclear threats such as battlefield nuclear explosions or Chernobyl-level nuclear accidents. Respirators and clothing can help, but the best solution is situational awareness.

Report Includes:

Tables and 10 additional tables

An up-to-date review and industry analysis of the global advanced protective gear and armor fire resistance market

of the global market trends, with historic market revenue (sales figures) for 2022, estimates for 2023, projections of compound annual growth rates (CAGRs) through 2028

Estimation of the actual market size and revenue forecast for global advanced protective gear and armor fire resistance market, and corresponding market share analysis based on type, end use sector, and region

Information (facts and figures) of the major market dynamics (DROs), emerging trends, technology industry-specific regulations, and macroeconomic variables influencing the market demand over the years (2023-2028)

Identification of the companies best positioned to meet this demand owing to or in conjunction with their proprietary technologies, product launches, and other strategic advantages

Conduct of value chain analysis in the advanced protective gear and armor-fire resistance market providing a detailed study of key intermediaries involved, with emphasis on raw materials suppliers and major types of products

Analysis of market growth opportunities with a holistic review of the Porter's five forces analysis and PESTLE analysis considering both micro and macro environmental factors prevailing in the market

Review of the major protective glove manufacturers and analyze the structure of advanced protective gear and armor fire resistance industry (e.g., market shares, concentration and recent merger and acquisition (M&A) activity)

Review of the key patent grants and recent patent applications on advanced protective gear and armor fire resistance market, with emphasis on upcoming technologies and new developments within the industry

Identification of the key players operating in the market, and analysis of their competitive landscape based on product developments, segmental revenues, and operational integration

Company profiles of major players within the industry, including 3M, ArmorSource, Avon Protection DuPont, and Honeywell

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
Market Summary

CHAPTER 3 MARKET AND TECHNOLOGY BACKGROUND

Market Environment
Flame Retardant Materials for Garments
Major End-Use Markets
Application and Technologies
Regulations and Standards
Department Of Defense
Environmental Protection Agency

CHAPTER 4 MARKET DYNAMICS

Drivers and Challenges
Drivers
Challenges
COVID-19 Impact
Russia-Ukraine War Impact
PESTEL Analysis

CHAPTER 5 EMERGING TRENDS

Emerging Trends
Nanotechnology Usage
Lightweight Composite Material Usage
Smart Materials

CHAPTER 6 MARKET BY SECTORS

Major Sectors of Flame-Resistant/Fire-Protective Apparel
Global Market
Ancillary/Gloves, Head, Eye and Respirators
Thermal Protective
CBRN
Armor and Bullet Resistant

CHAPTER 7 MARKET BY REGION

Global Market
North American Market
European Market
Asia-Pacific Market
Rest of the World Market

CHAPTER 8 SUSTAINABILITY IN ADVANCED PROTECTIVE GEAR AND ARMOR/FIRE RESISTANT GLOBAL MARKET

Sustainability in Advanced Protective Gear and Armor/Fire Resistant Market
ESG Compliance of Selected Companies in Advanced Protective Gear and Armor/Fire Resistant Market
ESG Practices by Advanced Protective Gear and Armor/Fire Resistant Manufacturers

CHAPTER 9 PATENT ANALYSIS

Patent Analysis

CHAPTER 10 COMPANY PROFILES

3M CO.

ARMORSOURCE LLC
AVON PROTECTION PLC
BAE SYSTEMS PLC
DUPONT
HONEYWELL INTERNATIONAL INC.
KIMBERLY CLARK PROFESSIONAL
MSA SAFETY INC.
POINT BLANK ENTERPRISES INC.

CHAPTER 11 APPENDIX: ABBREVIATIONS

List Of Tables

LIST OF TABLES

Summary Table : Global Market for Advanced Protective Gear and Armor, by Sector, Through 2028

Table 1 : Applications for Meta- and Para-Aramids

Table 2 : Personal Protective Clothing Characteristics

Table 3 : Agencies Involved in Setting Protective Gear Standards

Table 4 : Referenced ASTM Standards Relating to Textiles

Table 5 : Classes of Fabric Flammability

Table 6 : Global Market for Advanced Protective Gear and Armor, by Sector, Through 2028

Table 7 : Global Market for Advanced Protective Gear and Armor for Ancillary/Gloves, Head, Eye, Respirators, by Region, Through 2028

Table 8 : Referenced ASTM Standards Relating to Textiles

Table 9 : Global Market for Advanced Protective Gear and Armor for Thermal Protective, by Region, Through 2028

Table 10 : Global Market for Advanced Protective Gear and Armor for CBRN, by Region, Through 2028

Table 11 : Global Market for Advanced Protective Gear and Armor for Armor and Bullet Resistant, by Region, Through 2028

Table 12 : Global Market for Advanced Protective Gear and Armor, by Region, Through 2028

Table 13 : North American Market for Advanced Protective Gear and Armor, by Country, Through 2028

Table 14 : European Market for Advanced Protective Gear and Armor, by Country, Through 2028

Table 15 : Asia-Pacific Market for Advanced Protective Gear and Armor, by Country, Through 2028

Table 16 : RoW Market for Advanced Protective Gear and Armor, Through 2028

Table 17 : ESG Compliant Companies Risk Rating

Table 18 : Patents on Advanced Protective Gear and Armor Market

Table 19 : 3M: Financial Performance, Through 2022

Table 20 : ArmorSource LLC: News, 2023

Table 21 : Avon Protection: Financial Performance, 2021 and 2022

Table 22 : DuPont: Financial Performance, Through 2022

Table 23 : Honeywell: Financial Performance, Through 2022

Table 24 : MSA Safety Inc.: Financial Performance, Through 2022

Table 25 : Abbreviations

List Of Figures

LIST OF FIGURES

Summary Figure : Global Market for Advanced Protective Gear and Armor, by Sector, 2022-2028

Figure 1 : Drivers and Challenges of Advanced Protective Gear and Armor/Fire Resistant Market

Figure 2 : PESTEL Analysis

Figure 3 : Emerging Trends

Figure 4 : Global Advanced Protective Gear and Armor Market, by Sector

Figure 5 : Global Market for Advanced Protective Gear and Armor, by Sector, 2022-2028

Figure 6 : Global Market for Advanced Protective Gear and Armor for Ancillary/Gloves, Head, Eye, Respirators, by Region, 2022-2028

Figure 7 : Global Market for Advanced Protective Gear and Armor for Thermal Protective, by Region, 2022-2028

Figure 8 : Global Market for Advanced Protective Gear and Armor for CBRN, by Region, 2022-2028

Figure 9 : Global Market for Advanced Protective Gear and Armor for Armor and Bullet Resistant, by Region, 2022-2028

Figure 10 : Global Market for Advanced Protective Gear and Armor, by Region, 2022-2028

Figure 11 : North American Market for Advanced Protective Gear and Armor, by Country, 2022-2028

Figure 12 : European Market for Advanced Protective Gear and Armor, by Country, 2022-2028

Figure 13 : Asia-Pacific Market for Advanced Protective Gear and Armor, by Country, 2022-2028

Figure 14 : RoW Market for Advanced Protective Gear and Armor, 2022-2028

Figure 15 : ESG Factors for Advanced Protective Gear and Armor Market

Figure 16 : ESG Practices of Players in the Advanced Protective Gear and Armor Market

Figure 17 : 3M: Revenue Share, by Segment, 2022

Figure 18 : 3M: Revenue Share, by Region, 2022

Figure 19 : 3M: Revenue Share, by Region, 2028

Figure 20 : Avon Protection: Revenue Share, by Segment, 2022

Figure 21 : Avon Protection: Revenue Share, by Country/Region, 2022

Figure 22 : DuPont: Revenue Share, by Segment, 2022

Figure 23 : DuPont: Revenue Share, by Country/Region, 2022

Figure 24 : Honeywell: Revenue Share, by Segment, 2022

Figure 25 : Honeywell: Revenue Share, by Country/Region, 2022

Figure 26 : MSA Safety Inc.: Revenue Share, by Segment, 2022

Figure 27 : MSA Safety Inc.: Revenue Share, by Country/Region, 2022

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