

Ballistic Protection Market by Material (Metals & Alloys, Ceramics, Composites, Bulletproof Glass, Fabric), Product, Technology, Threat Level (Level II & IIA, Level III & IIIA, Level IV & Above), Platform, Application and Region - Global Forecast to 2027

<https://marketpublishers.com/r/B5DFC358B1DEN.html>

Date: September 2022

Pages: 224

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

ID: B5DFC358B1DEN

Abstracts

The ballistic protection market is projected to grow from USD 13.4 billion in 2022 to USD 16.9 billion by 2027, at a CAGR of 4.7% from 2022 to 2027. The market is driven by the need for upgrades in the battlefield scenarios. However, the market's growth is limited by the stringent standards for ballistic protection products.

In 2020, the global military expenditure was worth USD 1,981 billion, the highest level since 1988 as per SIPRI. The global military expenditure in 2020 was 2.6% higher in real terms than in 2019 and 9.3% higher than in 2011. This increase was largely due to the fact that most countries in the world experienced severe economic downturns in 2020 due to the COVID-19 pandemic, while military expenditure continued to rise due to growing tension and disputes on several international borders around the world.

By speed, high speed segment is expected to grow at highest CAGR

Unmanned vehicles that are manufactured for use as targets and can operate beyond a speed of 250 m/s fall under the category of high-speed target drones. This segment accounted for a 46.5% share of the target drones market in 2022. With the growing emphasis on replicating realistic threats in military training, high-speed target drones are expected to witness prominent demand during the forecast period. However, due to limited defense budget allocation in some emerging economies, these drones are not always feasible. The US, Russia, and China procure high-speed target drones. QinetiQ Group PLC (UK), Northrop Grumman (US), Kratos Defense and Security Solutions

(US), and Boeing (US) are key manufacturers of high-speed target drones.

By payload capacity, medium (20 kg to 40 kg) segment is expected to lead the market in terms of value

On the basis of payload capacity, the target drones market has been segmented into high (>40 kg), medium (20 kg to 40 kg), and low (

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 STUDY SCOPE

1.3.1 MARKETS COVERED

FIGURE 1 BALLISTIC PROTECTION MARKET SEGMENTATION

1.3.2 REGIONAL SCOPE

1.3.3 YEARS CONSIDERED

1.4 CURRENCY

TABLE 1 USD EXCHANGE RATES

1.5 LIMITATIONS

1.6 INCLUSIONS & EXCLUSIONS

1.7 MARKET STAKEHOLDERS

1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 RESEARCH PROCESS FLOW

FIGURE 3 RESEARCH DESIGN: BALLISTIC PROTECTION MARKET

2.1.1 SECONDARY DATA

2.1.1.1 Key data from secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 Key data from primary sources

2.1.2.2 Breakdown of primaries

FIGURE 4 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION

2.2 MARKET SIZE ESTIMATION

2.2.1 BOTTOM-UP APPROACH

2.2.1.1 Ballistic protection market

2.2.1.2 Ballistic protection market, by application

2.2.1.3 Ballistic protection market, by technology

2.2.1.4 Ballistic protection market, by product

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

2.2.2 TOP-DOWN APPROACH

2.2.2.1 Ballistic protection market, by system and by threat level

2.2.2.2 Ballistic protection market, by system and by material

FIGURE 6 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

2.3 DATA TRIANGULATION & VALIDATION

2.3.1 TRIANGULATION THROUGH SECONDARY

2.3.2 TRIANGULATION THROUGH PRIMARIES

FIGURE 7 DATA TRIANGULATION

2.4 RESEARCH LIMITATIONS

2.5 RESEARCH ASSUMPTIONS

2.6 RISK ANALYSIS

3 EXECUTIVE SUMMARY

FIGURE 8 LAND SEGMENT TO LEAD BALLISTIC PROTECTION MARKET DURING FORECAST PERIOD

FIGURE 9 HARD ARMOR SEGMENT TO DOMINATE DURING FORECAST PERIOD

FIGURE 10 MILITARY TO BE LEADING SEGMENT DURING FORECAST PERIOD

FIGURE 11 ASIA PACIFIC TO ACCOUNT FOR LARGEST SHARE OF BALLISTIC PROTECTION MARKET IN 2022

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE GROWTH OPPORTUNITIES FOR PLAYERS IN BALLISTIC PROTECTION MARKET

FIGURE 12 INCREASING GEOPOLITICAL TENSIONS IN EMERGING ECONOMIES TO DRIVE BALLISTIC PROTECTION MARKET

4.2 BALLISTIC PROTECTION MARKET, BY MATERIAL

FIGURE 13 COMPOSITES SEGMENT TO ACCOUNT FOR LARGEST MARKET SIZE FROM 2022 TO 2027

4.3 BALLISTIC PROTECTION MARKET, BY PLATFORM

FIGURE 14 LAND TO BE LARGEST PLATFORM SEGMENT DURING FORECAST PERIOD

4.4 BALLISTIC PROTECTION MARKET, BY KEY REGION

FIGURE 15 EUROPE TO HOLD DOMINANT POSITION IN 2022

4.5 BALLISTIC PROTECTION MARKET, BY APPLICATION

FIGURE 16 MILITARY APPLICATION TO DOMINATE DURING FORECAST PERIOD

4.6 BALLISTIC PROTECTION MARKET, BY THREAT LEVEL

FIGURE 17 THREAT LEVEL IV & ABOVE TO HOLD LARGEST MARKET SHARE

4.7 BALLISTIC PROTECTION MARKET, BY COUNTRY

FIGURE 18 SOUTH KOREA TO REGISTER HIGHEST CAGR IN BALLISTIC

PROTECTION MARKET DURING FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 19 BALLISTIC PROTECTION MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

- 5.2.1.1 Rising political unrest in emerging economies
- 5.2.1.2 Need for upgrades in battlefield scenarios
- 5.2.1.3 Development of lightweight, comfortable, and high-strength materials
- 5.2.1.4 Demand for protection by VVIPs

5.2.2 RESTRAINTS

- 5.2.2.1 Inability to provide complete protection
- 5.2.2.2 Stringent standards for ballistic composite products

5.2.3 OPPORTUNITIES

- 5.2.3.1 Rising demand for multipurpose equipment
- 5.2.3.2 Increasing demand from Asia Pacific
- 5.2.3.3 Advancements in armor composite materials

5.2.4 CHALLENGES

- 5.2.4.1 High production cost of armor materials
- 5.2.4.2 Demand for increased comfort and functionality

5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS

5.3.1 REVENUE SHIFT AND NEW REVENUE POCKETS FOR BALLISTIC PROTECTION MARKET

FIGURE 20 REVENUE SHIFT IN BUSINESS BALLISTIC PROTECTION MARKET

5.4 BALLISTIC PROTECTION MARKET ECOSYSTEM

5.4.1 PROMINENT COMPANIES

5.4.2 START-UPS AND SMALL ENTERPRISES

5.4.3 END USERS

FIGURE 21 BALLISTIC PROTECTION MARKET ECOSYSTEM MAP

TABLE 2 BALLISTIC PROTECTION MARKET ECOSYSTEM

5.5 TECHNOLOGY ANALYSIS

5.5.1 COMPOSITE TEXTILES IN HIGH-PERFORMANCE APPAREL

5.6 USE CASE ANALYSIS

5.6.1 USE CASE: ENHANCED COMFORT DURING COMBAT

TABLE 3 PROBLEMS ASSOCIATED WITH ACTIONS DURING COMBAT

5.7 VALUE CHAIN ANALYSIS OF BALLISTIC PROTECTION MARKET

FIGURE 22 VALUE CHAIN ANALYSIS**5.8 PORTER'S FIVE FORCES ANALYSIS****TABLE 4 BALLISTIC PROTECTION MARKET: PORTER'S FIVE FORCES ANALYSIS****FIGURE 23 BALLISTIC PROTECTION MARKET: PORTER'S FIVE FORCES ANALYSIS****5.8.1 THREAT OF NEW ENTRANTS****5.8.2 THREAT OF SUBSTITUTES****5.8.3 BARGAINING POWER OF SUPPLIERS****5.8.4 BARGAINING POWER OF BUYERS****5.8.5 INTENSITY OF COMPETITIVE RIVALRY****5.9 KEY STAKEHOLDERS & BUYING CRITERIA****5.9.1 KEY STAKEHOLDERS IN BUYING PROCESS****FIGURE 24 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP TWO APPLICATIONS****TABLE 5 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR TOP TWO APPLICATIONS (%)****5.9.2 BUYING CRITERIA****FIGURE 25 KEY BUYING CRITERIA FOR TOP TWO APPLICATIONS****TABLE 6 KEY BUYING CRITERIA FOR TOP TWO APPLICATIONS****5.10 TARIFF AND REGULATORY LANDSCAPE****5.10.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS****TABLE 7 NORTH AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS****TABLE 8 EUROPE: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS****TABLE 9 ASIA PACIFIC: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS****TABLE 10 MIDDLE EAST & AFRICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS****TABLE 11 LATIN AMERICA: REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS****5.11 BALLISTIC PROTECTION MARKET: TRADE DATA****TABLE 12 COUNTRY-WISE IMPORTS, 2020-2021 (USD THOUSAND)****TABLE 13 COUNTRY-WISE EXPORTS, 2020-2021 (USD THOUSAND)****5.12 KEY CONFERENCES & EVENTS IN 2022–2023****TABLE 14 BALLISTIC PROTECTION MARKET: CONFERENCES & EVENTS****6 INDUSTRY TRENDS**

6.1 INTRODUCTION

6.2 ADVANCED MATERIALS FOR BALLISTIC PROTECTION

6.2.1 ELECTRONIC TEXTILES

6.2.2 ELECTRIC ARMOR

6.3 TECHNOLOGY TRENDS

6.3.1 DOUBLE-SIDED COMBAT UNIFORM FABRIC

6.3.2 DEFCON ARMOR TECHNOLOGY

6.3.3 MODULAR BALLISTIC PROTECTION SYSTEMS

6.3.4 ADVANCED CERAMIC BALLISTIC ARMOR

6.3.5 DYNEEMA FORCE MULTIPLIER TECHNOLOGY

6.3.6 IMPROVED OUTER TACTICAL VESTS

6.3.7 LIQUID ARMOR

6.3.8 SMART FLUID

6.3.9 REACTIVE ARMOR TECHNOLOGY

6.3.10 SENSOR TECHNOLOGY

6.3.11 NEXT-GEN SUITS

6.4 BALLISTIC PROTECTION MARKET: SUPPLY CHAIN ANALYSIS

FIGURE 26 SUPPLY CHAIN ANALYSIS

6.5 BALLISTIC PROTECTION MARKET: PATENT ANALYSIS

TABLE 15 PATENT ANALYSIS (2019–2022)

7 BALLISTIC PROTECTION MARKET, BY PLATFORM

7.1 INTRODUCTION

FIGURE 27 BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022 & 2027

TABLE 16 BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 17 BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

7.2 LAND

7.2.1 COMBAT ARMORED VEHICLES

7.2.1.1 Main battle tanks

7.2.1.1.1 Increasing offensive cross-country operations

7.2.1.2 Infantry fighting vehicles

7.2.1.2.1 Procurement by emerging economies

7.2.1.3 Armored personnel carriers

7.2.1.3.1 Increasing demand to counter terrorist attacks and asymmetric warfare

7.2.1.4 Armored amphibious vehicles

7.2.1.4.1 Used by military forces for amphibious operations

7.2.1.5 Mine-resistant ambush protected

7.2.1.5.1 Increasing use for protection from IEDs and mines

7.2.1.6 Light armored vehicles

7.2.1.6.1 Uses for border patrol and ISR

7.2.1.7 Self-propelled howitzers

7.2.1.7.1 Easy maneuverability boosts demand

7.2.1.8 Air defense vehicles

7.2.1.8.1 Adoption of vehicle-mounted anti-aircraft guns

7.2.1.9 Armored mortar carriers

7.2.1.9.1 High demand for integrated armored vehicles with dedicated mortar storage compartment

7.2.2 COMBAT SUPPORT VEHICLES

7.2.2.1 Armored supply trucks

7.2.2.1.1 Increasing use for fuel and ammunition supply to troops

7.2.2.2 Armored fuel trucks

7.2.2.2.1 Used to transport fuel to forward arming and refueling points

7.2.2.3 Armored ammunition replenishment vehicles

7.2.2.3.1 Used at forward bases during warfare operations

7.2.2.4 Armored ambulances

7.2.2.4.1 Vital to transport injured personnel to medical facilities

7.2.2.5 Armored command and control vehicles

7.2.2.5.1 Increasing adoption for mobile armored operations

7.2.2.6 Repair and recovery vehicles

7.2.2.6.1 High demand for towing or repair of combat vehicles

7.2.3 UNMANNED ARMORED GROUND VEHICLES

7.2.3.1 Increasing research & development on UGVs for warfare

7.2.4 SOLDIERS & SECURITY PERSONNEL

7.2.4.1 Wide-scale use of personal protective equipment

7.2.5 BASE STATIONS

7.2.5.1 Stations used for shelter and storage by military

7.3 AIRBORNE

7.3.1 FIXED-WING AIRCRAFT

7.3.1.1 Upcoming defense programs to drive segment

7.3.1.2 Fighter aircraft

7.3.1.3 Transport aircraft

7.3.1.4 Reconnaissance & surveillance aircraft

7.3.2 HELICOPTERS

7.3.2.1 Provide accessibility for special missions

7.3.2.2 Attack & reconnaissance helicopters

7.3.2.3 Special mission helicopters

7.3.2.4 Maritime helicopters

7.3.2.5 Transport helicopters

7.3.3 UNMANNED AERIAL VEHICLES (UAV)

7.3.3.1 High number of ISR missions drives demand

7.4 MARINE

7.4.1 DESTROYERS

7.4.1.1 Fast, long-lasting, maneuverable ships

7.4.2 FRIGATES

7.4.2.1 Used to protect other warships and merchant ships

7.4.3 CORVETTES

7.4.3.1 Smallest vessel class among warships

7.4.4 OFFSHORE SUPPORT VESSELS (OSVS)

7.4.4.1 Small patrol vessels used for coastal defense

7.4.5 AIRCRAFT CARRIERS

7.4.5.1 Possibility of using hybrid propulsion for aircraft carriers

7.4.6 SUBMARINES

7.4.6.1 US, France, and India – currently using or developing electric propulsion systems

7.4.7 UNMANNED SURFACE VEHICLES

7.4.7.1 Used in military applications for seaborne targets

8 BALLISTIC PROTECTION MARKET, BY APPLICATION

8.1 INTRODUCTION

FIGURE 28 BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022 & 2027 (USD MILLION)

TABLE 18 BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 19 BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

8.2 MILITARY

8.2.1 HIGH LEVEL OF THREAT DEMANDS HIGHER PROTECTION

8.3 HOMELAND SECURITY

8.3.1 PARAMILITARY FORCES

8.3.1.1 Semi-militarized forces for domestic tactical missions

8.3.2 POLICE FORCES

8.3.2.1 Wide-scale use of body vests and helmets

8.3.3 SPECIAL FORCES

8.3.3.1 Security units for special operations

9 BALLISTIC PROTECTION MARKET, BY TECHNOLOGY

9.1 INTRODUCTION

FIGURE 29 BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022 & 2027

TABLE 20 BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 21 BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

9.2 HARD ARMOR

9.2.1 USED IN HIGH-RISK-OF-ATTACK SCENARIOS

9.2.2 LAND

9.2.3 AIRBORNE

9.2.4 MARINE

9.3 SOFT ARMOR

9.3.1 DEMAND DRIVEN BY NEED FOR LIGHTWEIGHT BODY ARMOR

9.3.2 LAND

9.3.3 AIRBORNE

9.3.4 MARINE

10 BALLISTIC PROTECTION MARKET, BY MATERIAL

10.1 INTRODUCTION

FIGURE 30 BALLISTIC PROTECTION MARKET, BY MATERIAL, 2022 & 2027

TABLE 22 BALLISTIC PROTECTION MARKET, BY MATERIAL, 2018–2021 (USD MILLION)

TABLE 23 BALLISTIC PROTECTION MARKET, BY MATERIAL, 2022–2027 (USD MILLION)

10.2 METALS & ALLOYS

10.2.1 HIGH-DENSITY STEEL

10.2.1.1 Protects armored vehicles from different ballistic threats

10.2.2 ALUMINUM

10.2.2.1 Lightweight property makes it ideal for military applications

10.2.3 TITANIUM

10.2.3.1 Superior material for combat systems

10.3 CERAMICS

10.3.1 ALUMINUM OXIDE

- 10.3.1.1 Contributes to enhancement of body armor
- 10.3.2 SILICON CARBIDE
 - 10.3.2.1 Effective material against bullets
- 10.4 COMPOSITES
 - 10.4.1 ARAMID COMPOSITES
 - 10.4.1.1 Used in aerospace and military applications
 - 10.4.1.2 Para-aramid
 - 10.4.1.3 Meta-aramid
 - 10.4.2 CARBON COMPOSITES
 - 10.4.2.1 Suitable for aerospace structure applications
 - 10.4.3 HYBRID COMPOSITES
 - 10.4.3.1 Incorporate natural and synthetic fibers
 - 10.4.4 3D COMPOSITES
 - 10.4.4.1 Used to manufacture wing-to-spar joints in aircraft
- 10.5 BULLETPROOF GLASS
 - 10.5.1 ACRYLIC
 - 10.5.1.1 Used in bullet-resistant systems for ballistic panels
 - 10.5.2 POLYCARBONATE
 - 10.5.2.1 Provides protection against multiple-shot penetration
- 10.6 FABRIC
 - 10.6.1 OFFERS PROTECTION AGAINST PROJECTILE IMPACT
 - 10.6.2 ORGANIC COTTON
 - 10.6.2.1 Can be used to make protective apparel
 - 10.6.3 SYNTHETIC NYLON & POLYESTER
 - 10.6.3.1 Used in multilayered armor systems

11 BALLISTIC PROTECTION MARKET, BY PRODUCT

11.1 INTRODUCTION

FIGURE 31 BALLISTIC PROTECTION MARKET, BY PRODUCT, 2022 & 2027

TABLE 24 BALLISTIC PROTECTION MARKET, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 25 BALLISTIC PROTECTION MARKET, BY PRODUCT, 2022–2027 (USD MILLION)

11.2 PERSONAL PROTECTIVE EQUIPMENT

11.2.1 BODY ARMOR CLOTHING

11.2.1.1 NBC SUITS & THERMAL CAMOUFLAGE SUITS

11.2.1.1.1 Designed to protect against chemical, biological, or radioactive contamination

- 11.2.1.2 IMMERSION SUITS
 - 11.2.1.2.1 Used to remain afloat and for protection against hazards in water
- 11.2.1.3 ADVANCED BALLISTIC SUITS
 - 11.2.1.3.1 Increasing demand for cooling system ballistic suits
- 11.2.2 BALLISTIC HELMETS
 - 11.2.2.1 Advanced ballistic helmets
 - 11.2.2.2 HUD/HMD helmets
- 11.2.3 VESTS
 - 11.2.3.1 Interceptor Body Armor (IBA)
 - 11.2.3.2 Interim Small Arms Protective Overvest (ISAPO)
 - 11.2.3.3 Personnel Armor Systems for Ground Troops (PASGT)
 - 11.2.3.4 Ranger Body Armor (RBA)
 - 11.2.3.5 Survival Vests
- 11.2.4 BALLISTIC BOOTS
 - 11.2.4.1 Provide stability to feet in rugged terrain
- 11.2.5 BALLISTIC GLOVES
 - 11.2.5.1 Effectively disguise wearer across conditions
- 11.3 BALLISTIC CONTAINERS & PORTABLE SHELTERS
 - 11.3.1 KEY DEMAND DRIVERS – LOW WEIGHT, FLEXIBILITY, AND STATIC STRENGTH
- 11.4 BALLISTIC BLOCKS
 - 11.4.1 CAN BE INSTALLED INDOORS AND OUTDOORS
- 11.5 BALLISTIC BARRIER SYSTEMS
 - 11.5.1 CAN WITHSTAND IMPACT OF .50 CALIBER BMG APIT AMMUNITION
- 11.6 HULL & BODY
 - 11.6.1 PROVIDE PROTECTION ON MARINE PLATFORMS
- 11.7 WEAPON STATIONS & OPTRONICS
 - 11.7.1 USED TO PROTECT OPTRONIC DEVICES AGAINST LEVEL III AND IV BALLISTIC THREATS
- 11.8 FUEL DROP TANKS & AMMUNITION STORAGE
 - 11.8.1 HIGH LEVEL OF BALLISTIC PROTECTION REQUIRED
- 11.9 COCKPIT BALLISTIC PROTECTION
 - 11.9.1 PROVIDES PROTECTION FROM SMALL ARMS FIRE
- 11.10 PILOT SEAT PROTECTION
 - 11.10.1 PROTECT AGAINST BALLISTIC FRAGMENTS AND EXPLOSIVE ELEMENTS
- 11.11 BALLISTIC FLOORS
 - 11.11.1 PROVIDE ACOUSTIC INSULATION AND SUPERIOR DURABILITY
- 11.12 BALLISTIC WINDOWS

- 11.12.1 ACCOMMODATE A RANGE OF PROTECTION LEVELS
- 11.13 BALLISTIC DOORS
 - 11.13.1 MADE OF BULLET-RESISTANT STEEL AND HEAVY-DUTY HARDWARE
- 11.14 ENGINE PROTECTION
 - 11.14.1 CONSISTS OF BALLISTIC-RESISTANT LIGHTWEIGHT MATERIALS

12 BALLISTIC PROTECTION MARKET, BY THREAT LEVEL

12.1 INTRODUCTION

FIGURE 32 BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2022 & 2027

TABLE 26 BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2018–2021 (USD MILLION)

TABLE 27 BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2022–2027 (USD MILLION)

12.2 LEVEL II & LEVEL IIA

12.2.1 COVERT-STYLE BODY ARMOR

12.3 LEVEL III & LEVEL IIIA

12.3.1 LEVEL IIIA – HIGHEST THREAT LEVEL IN SOFT ARMOR

12.4 LEVEL IV & ABOVE

12.4.1 CAN STOP BULLETS FROM RIFLES AND SUBMACHINE GUNS

13 REGIONAL ANALYSIS

13.1 INTRODUCTION

FIGURE 33 ASIA PACIFIC DOMINATES BALLISTIC PROTECTION MARKET IN 2022

TABLE 28 BALLISTIC PROTECTION MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 29 BALLISTIC PROTECTION MARKET, BY REGION, 2022–2027 (USD MILLION)

13.2 NORTH AMERICA

FIGURE 34 NORTH AMERICA: BALLISTIC PROTECTION MARKET SNAPSHOT

TABLE 30 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 31 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 32 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 33 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 34 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 35 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

TABLE 36 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2018–2021 (USD MILLION)

TABLE 37 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2022–2027 (USD MILLION)

TABLE 38 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 39 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2022–2027 (USD MILLION)

TABLE 40 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2018–2021 (USD MILLION)

TABLE 41 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2022–2027 (USD MILLION)

TABLE 42 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 43 NORTH AMERICA: BALLISTIC PROTECTION MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

13.2.1 US

13.2.1.1 Increased procurement of armored vehicles

TABLE 44 US: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 45 US: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 46 US: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 47 US: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 48 US: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 49 US: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.2.2 CANADA

13.2.2.1 Commercialization of advanced materials

TABLE 50 CANADA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 51 CANADA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027

(USD MILLION)

TABLE 52 CANADA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 53 CANADA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 54 CANADA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 55 CANADA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.3 EUROPE

FIGURE 35 EUROPE: BALLISTIC PROTECTION MARKET SNAPSHOT

TABLE 56 EUROPE: BALLISTIC PROTECTION MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 57 EUROPE: BALLISTIC PROTECTION MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 58 EUROPE: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 59 EUROPE: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 60 EUROPE: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 61 EUROPE: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 62 EUROPE: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 63 EUROPE: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

TABLE 64 EUROPE: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2018–2021 (USD MILLION)

TABLE 65 EUROPE: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2022–2027 (USD MILLION)

TABLE 66 EUROPE: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2018–2021 (USD MILLION)

TABLE 67 EUROPE: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2022–2027 (USD MILLION)

TABLE 68 EUROPE: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 69 EUROPE: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2022–2027 (USD MILLION)

13.3.1 UK

13.3.1.1 Rising investments in ballistic protection systems

TABLE 70 UK: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 71 UK: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 72 UK: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 73 UK: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 74 UK: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 75 UK: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.3.2 FRANCE

13.3.2.1 Military modernization programs

TABLE 76 FRANCE: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 77 FRANCE: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 78 FRANCE: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 79 FRANCE: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 80 FRANCE: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 81 FRANCE: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.3.3 RUSSIA

13.3.3.1 Developing mock-ups of new helmets and complete body armor

TABLE 82 RUSSIA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 83 RUSSIA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 84 RUSSIA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 85 RUSSIA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 86 RUSSIA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY,

2018–2021 (USD MILLION)

TABLE 87 RUSSIA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY,
2022–2027 (USD MILLION)

13.3.4 ITALY

13.3.4.1 Second-largest consumer of ballistic protection systems in Europe

TABLE 88 ITALY: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021
(USD MILLION)

TABLE 89 ITALY: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027
(USD MILLION)

TABLE 90 ITALY: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021
(USD MILLION)

TABLE 91 ITALY: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027
(USD MILLION)

TABLE 92 ITALY: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY,
2018–2021 (USD MILLION)

TABLE 93 ITALY: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY,
2022–2027 (USD MILLION)

13.3.5 REST OF EUROPE

13.3.5.1 Increase in demand for armored combat equipment

TABLE 94 REST OF EUROPE: BALLISTIC PROTECTION MARKET, BY PLATFORM,
2018–2021 (USD MILLION)

TABLE 95 REST OF EUROPE: BALLISTIC PROTECTION MARKET, BY PLATFORM,
2022–2027 (USD MILLION)

TABLE 96 REST OF EUROPE: BALLISTIC PROTECTION MARKET, BY
APPLICATION, 2018–2021 (USD MILLION)

TABLE 97 REST OF EUROPE: BALLISTIC PROTECTION MARKET, BY
APPLICATION, 2022–2027 (USD MILLION)

TABLE 98 REST OF EUROPE: BALLISTIC PROTECTION MARKET, BY
TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 99 REST OF EUROPE: BALLISTIC PROTECTION MARKET, BY
TECHNOLOGY, 2022–2027 (USD MILLION)

13.4 ASIA PACIFIC

FIGURE 36 ASIA PACIFIC: BALLISTIC PROTECTION MARKET SNAPSHOT

TABLE 100 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY COUNTRY,
2018–2021 (USD MILLION)

TABLE 101 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY COUNTRY,
2022–2027 (USD MILLION)

TABLE 102 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY PLATFORM,
2018–2021 (USD MILLION)

TABLE 103 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 104 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 105 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 106 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2018–2021 (USD MILLION)

TABLE 107 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2022–2027 (USD MILLION)

TABLE 108 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 109 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

TABLE 110 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2018–2021 (USD MILLION)

TABLE 111 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2022–2027 (USD MILLION)

TABLE 112 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 113 ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2022–2027 (USD MILLION)

13.4.1 CHINA

13.4.1.1 Increased defense spending

TABLE 114 CHINA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 115 CHINA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 116 CHINA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 117 CHINA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 118 CHINA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 119 CHINA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.4.2 INDIA

13.4.2.1 Conflicts with Pakistan and China drive demand

TABLE 120 INDIA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021

(USD MILLION)

TABLE 121 INDIA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027

(USD MILLION)

TABLE 122 INDIA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 123 INDIA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 124 INDIA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 125 INDIA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.4.3 JAPAN

13.4.3.1 Need for increased security in East Asia

TABLE 126 JAPAN: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 127 JAPAN: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 128 JAPAN: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 129 JAPAN: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 130 JAPAN: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 131 JAPAN: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.4.4 SOUTH KOREA

13.4.4.1 Modernization programs by defense forces

TABLE 132 SOUTH KOREA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 133 SOUTH KOREA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 134 SOUTH KOREA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 135 SOUTH KOREA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 136 SOUTH KOREA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 137 SOUTH KOREA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.4.5 REST OF ASIA PACIFIC

13.4.5.1 Demand driven by increasing use of IEDs and other explosives

TABLE 138 REST OF ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 139 REST OF ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 140 REST OF ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 141 REST OF ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 142 REST OF ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 143 REST OF ASIA PACIFIC: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.5 MIDDLE EAST

FIGURE 37 MIDDLE EAST: BALLISTIC PROTECTION MARKET SNAPSHOT

TABLE 144 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY COUNTRY, 2018–2021 (USD MILLION)

TABLE 145 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY COUNTRY, 2022–2027 (USD MILLION)

TABLE 146 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 147 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 148 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 149 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 150 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2018–2021 (USD MILLION)

TABLE 151 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2022–2027 (USD MILLION)

TABLE 152 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 153 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

TABLE 154 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2018–2021 (USD MILLION)

TABLE 155 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL,

2022–2027 (USD MILLION)

TABLE 156 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 157 MIDDLE EAST: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2022–2027 (USD MILLION)

13.5.1 UAE

13.5.1.1 Increasing collaborations for armored vehicles

TABLE 158 UAE: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 159 UAE: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 160 UAE: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 161 UAE: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 162 UAE: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 163 UAE: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.5.2 SAUDI ARABIA

13.5.2.1 Rising procurement of armored vehicles

TABLE 164 SAUDI ARABIA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 165 SAUDI ARABIA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 166 SAUDI ARABIA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 167 SAUDI ARABIA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 168 SAUDI ARABIA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 169 SAUDI ARABIA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.5.3 ISRAEL

13.5.3.1 Increasing investment in ballistic technology

TABLE 170 ISRAEL: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 171 ISRAEL: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 172 ISRAEL: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 173 ISRAEL: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 174 ISRAEL: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 175 ISRAEL: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

13.6 AFRICA

FIGURE 38 AFRICA: BALLISTIC PROTECTION MARKET SNAPSHOT

TABLE 176 AFRICA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 177 AFRICA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2022–2027 (USD MILLION)

TABLE 178 AFRICA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 179 AFRICA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 180 AFRICA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 181 AFRICA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

TABLE 182 AFRICA: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2018–2021 (USD MILLION)

TABLE 183 AFRICA: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2022–2027 (USD MILLION)

TABLE 184 AFRICA: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 185 AFRICA: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2022–2027 (USD MILLION)

TABLE 186 AFRICA: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2018–2021 (USD MILLION)

TABLE 187 AFRICA: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2022–2027 (USD MILLION)

13.7 LATIN AMERICA

FIGURE 39 LATIN AMERICA: BALLISTIC PROTECTION MARKET SNAPSHOT

TABLE 188 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY PLATFORM, 2018–2021 (USD MILLION)

TABLE 189 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY PLATFORM,

2022–2027 (USD MILLION)

TABLE 190 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 191 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

TABLE 192 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2018–2021 (USD MILLION)

TABLE 193 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY MATERIAL, 2022–2027 (USD MILLION)

TABLE 194 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2018–2021 (USD MILLION)

TABLE 195 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY TECHNOLOGY, 2022–2027 (USD MILLION)

TABLE 196 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2018–2021 (USD MILLION)

TABLE 197 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY THREAT LEVEL, 2022–2027 (USD MILLION)

TABLE 198 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2018–2021 (USD MILLION)

TABLE 199 LATIN AMERICA: BALLISTIC PROTECTION MARKET, BY PRODUCT, 2022–2027 (USD MILLION)

14 COMPETITIVE LANDSCAPE

14.1 INTRODUCTION

FIGURE 40 CONTRACTS WAS KEY GROWTH STRATEGY BETWEEN 2017 AND JUNE 2022

14.1.1 MARKET EVALUATION FRAMEWORK

FIGURE 41 MARKET EVALUATION FRAMEWORK: CONTRACTS TO BE LEADING STRATEGY FOR TOP PLAYERS IN 2022

14.2 COMPETITIVE LEADERSHIP MAPPING (OVERALL MARKET)

14.2.1 VISIONARY LEADERS

14.2.2 INNOVATORS

14.2.3 DYNAMIC DIFFERENTIATORS

14.2.4 EMERGING COMPANIES

14.3 COMPETITIVE SCENARIO

14.3.1 CONTRACTS AND AGREEMENTS

TABLE 200 CONTRACTS, 2017–JUNE 2022

15 COMPANY PROFILES

(Business Overview, Products Offered, Recent Developments, MnM View Right to win, Strategic choices made, Weaknesses and competitive threats) *

15.1 INTRODUCTION

15.2 KEY PLAYERS

15.2.1 BAE SYSTEMS

TABLE 201 BAE SYSTEMS: BUSINESS OVERVIEW

FIGURE 42 BAE SYSTEMS: COMPANY SNAPSHOT

TABLE 202 BAE SYSTEMS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 203 BAE SYSTEMS: DEALS

15.2.2 AVON PROTECTION

TABLE 204 AVON PROTECTION: BUSINESS OVERVIEW

FIGURE 43 AVON PROTECTION: COMPANY SNAPSHOT

TABLE 205 AVON PROTECTION: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 206 AVON PROTECTION: DEALS

15.2.3 RHEINMETALL AG

TABLE 207 RHEINMETALL AG: BUSINESS OVERVIEW

FIGURE 44 RHEINMETALL AG: COMPANY SNAPSHOT

TABLE 208 RHEINMETALL AG: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 209 RHEINMETALL AG: DEALS

15.2.4 TENCATE ADVANCED ARMOR

TABLE 210 TENCATE ADVANCED ARMOR: BUSINESS OVERVIEW

TABLE 211 TENCATE ADVANCED ARMOR: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 212 TENCATE ADVANCED ARMOR: DEALS

15.2.5 FMS ENTERPRISES MIGUN LTD.

TABLE 213 FMS ENTERPRISES MIGUN LTD.: BUSINESS OVERVIEW

TABLE 214 FMS ENTERPRISES MIGUN LTD.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

15.2.6 POINT BLANK ENTERPRISES

TABLE 215 POINT BLANK ENTERPRISES: BUSINESS OVERVIEW

TABLE 216 POINT BLANK ENTERPRISES: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 217 POINT BLANK ENTERPRISES: DEALS

15.2.7 SEYNTEX

TABLE 218 SEYNTEX: BUSINESS OVERVIEW

TABLE 219 SEYNTEX: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 220 SEYNTEX: DEALS

15.2.8 ADA (AUSTRALIAN DEFENCE APPAREL)

TABLE 221 ADA (AUSTRALIAN DEFENCE APPAREL): BUSINESS OVERVIEW

TABLE 222 ADA (AUSTRALIAN DEFENCE APPAREL):
PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 223 ADA (AUSTRALIAN DEFENCE APPAREL): DEALS

15.2.9 SURVITEC GROUP LIMITED

TABLE 224 SURVITEC GROUP LIMITED: BUSINESS OVERVIEW

TABLE 225 SURVITEC GROUP LIMITED: PRODUCTS/SOLUTIONS/SERVICES
OFFERED

15.2.10 ARMORWORKS

TABLE 226 ARMORWORKS: BUSINESS OVERVIEW

TABLE 227 ARMORWORKS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

15.2.11 REVISION MILITARY

TABLE 228 REVISION MILITARY: BUSINESS OVERVIEW

TABLE 229 REVISION MILITARY: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 230 REVISION MILITARY: DEALS

15.2.12 ARMORSOURCE LLC.

TABLE 231 ARMORSOURCE LLC.: BUSINESS OVERVIEW

TABLE 232 ARMORSOURCE LLC.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 233 ARMORSOURCE LLC.: DEALS

15.2.13 SOUTHERN STATES LLC.

TABLE 234 SOUTHERN STATES LLC.: BUSINESS OVERVIEW

TABLE 235 SOUTHERN STATES LLC. : PRODUCTS/SOLUTIONS/SERVICES
OFFERED

15.2.14 CRAIG INTERNATIONAL BALLISTICS PTY LTD.

TABLE 236 CRAIG INTERNATIONAL BALLISTICS PTY LTD.: BUSINESS OVERVIEW

TABLE 237 CRAIG INTERNATIONAL BALLISTICS PTY LTD.:
PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 238 CRAIG INTERNATIONAL BALLISTICS PTY LTD.: DEALS

15.2.15 PAUL BOYE TECHNOLOGIES

TABLE 239 PAUL BOYE TECHNOLOGIES: BUSINESS OVERVIEW

TABLE 240 PAUL BOYE TECHNOLOGIES: PRODUCTS/SOLUTIONS/SERVICES
OFFERED

15.2.16 ROKETSAN

TABLE 241 ROKETSAN: BUSINESS OVERVIEW

TABLE 242 ROKETSAN: PRODUCTS/SOLUTIONS/SERVICES OFFERED

15.2.17 SAAB AB

TABLE 243 SAAB AB: BUSINESS OVERVIEW

FIGURE 45 SAAB AB: COMPANY SNAPSHOT

TABLE 244 SAAB AB: PRODUCTS/SOLUTIONS/SERVICES OFFERED

15.2.18 MKU LIMITED

TABLE 245 MKU LIMITED: BUSINESS OVERVIEW

TABLE 246 MKU LIMITED: PRODUCTS/SOLUTIONS/SERVICES OFFERED

15.2.19 PACIFIC SAFETY PRODUCTS

TABLE 247 PACIFIC SAFETY PRODUCTS: BUSINESS OVERVIEW

TABLE 248 PACIFIC SAFETY PRODUCTS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

15.2.20 ELMON

TABLE 249 ELMON: BUSINESS OVERVIEW

TABLE 250 ELMON: PRODUCTS/SOLUTIONS/SERVICES OFFERED

15.2.21 NP AEROSPACE

TABLE 251 NP AEROSPACE: BUSINESS OVERVIEW

15.2.22 PLASAN

TABLE 252 PLASAN: BUSINESS OVERVIEW

15.2.23 ARMOR EXPRESS

TABLE 253 ARMOR EXPRESS: BUSINESS OVERVIEW

*Details on Business Overview, Products Offered, Recent Developments, MnM View, Right to win, Strategic choices made, Weaknesses and competitive threats might not be captured in case of unlisted companies.

16 APPENDIX

16.1 DISCUSSION GUIDE

16.2 KNOWLEDGESTORE: MARKETSDMARKETS' SUBSCRIPTION PORTAL

16.3 CUSTOMIZATION OPTIONS

16.4 RELATED REPORTS

16.5 AUTHOR DETAILS

About

Ballistic protection systems provide personnel protection and vehicle protection in the battlefield or in emergency situations. It offers complete protection from the ballistic threats that the soldiers and the combat vehicle crewmen encounter on the battlefield. Ballistic protection systems have become vital in the defense forces and other protecting forces in order to reduce the number of casualties and strengthen the protecting power of the forces.

The ballistic protection market has grown significantly over the past 20 years due to an increase in the impact of the weapons of destruction, the demand for personnel, and vehicle protection that has grown exponentially.

Hence, the ballistic protection market has taken a leap of positive growth, universally.

This report presents a complete analysis of the global ballistic protection market across the forecast period. It portrays the key industry trends that may influence the ballistic protection market. It provides the complete market size of the ballistic protection market over the next six years and provides information on the market size of different types of ballistic protection products of each region.

It also provides information of the leading manufacturers in the ballistic protection market along with their financial health, key products, strategies, and developments. It includes a qualitative analysis of the market through an analysis of the pricing and cost components of the products. An ETOP analysis of the overall market and SWOT analysis of the key market players have been conducted in the report for an effective comprehension of the overall market scenario.

In this report, the ballistic protection market covers material types such as kevlar, carbon fiber composite, lexan, glass, bomb suit, vest, and plastic. Also, the report covers various application areas such as defense force (that includes airborne, land, and naval), homeland security, VIP security and law enforcement agencies. The defense forces procure the ballistic protection systems at a large scale worldwide.

The global ballistic protection market is expected to grow at a CAGR of XX% by 2020 due to the growing demand in the different regions across the world. The ballistic protection market is marked with intense competition among the top original equipment manufacturers. These market players continually innovate, design, and develop new

ballistic protection materials and products. The market is dominated by players such as Honeywell Inc., Rheinmetall AG DuPont, Ceradyne Inc., and TenCate.

I would like to order

Product name: Ballistic Protection Market by Material (Metals & Alloys, Ceramics, Composites, Bulletproof Glass, Fabric), Product, Technology, Threat Level (Level II & IIA, Level III & IIIA, Level IV & Above), Platform, Application and Region - Global Forecast to 2027

Product link: <https://marketpublishers.com/r/B5DFC358B1DEN.html>

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

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/B5DFC358B1DEN.html>

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

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970