

Advanced Protective Gear and Armor: The Fusion of Technology and Protection in Advanced Gear

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PORTLAND, OR, UNITED STATES, May 26, 2023 /EINPresswire.com/ -- According to a recent report published by Allied Market Research, titled, "[Advanced Protective Gear and Armor Market](#)" by End-use Industry, User, and Type: Global Opportunity Analysis and Industry Forecast, 2021-2030,"



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Various nations across the globe are providing advanced protective gear and armor to frontline workers to ensure their safety and improve the efficiency of their operations. Advanced protective gears are made from lighter and tougher materials, and improve the comfort and safety of individuals working in risk-prone environments. In March 2019, Odisha's (Indian state) fire service decided to procure enough quantity of fire entry suits to allow firemen to walk into the blaze and perform rescue operations. Similarly, in July 2020, the Naval Sea Systems Command's (NAVSEA) gave TenCate a N61331-20-D-0011 contract as an ID/IQ (Indefinite Delivery/Indefinite Quantity) to deliver maritime buoyant body armor (MBP), both in side and torso configurations.

Covid-19 scenario:

Due to the Covid-19 outbreak, the governments imposed strict lockdown regulations and restricted number of personnel in factories. This resulted in decrease in demand for protective equipment and adoption of new technologies such as smart sensors in protective gears. The prolonged lockdown forced protective equipment manufacturing facilities to shut down their

operations. Moreover, the lockdown resulted in the disruption of the supply chain and increased raw material prices.

Global Advanced Protective Gear and Armor Market -

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Increasing terrorist activities and warfare situations around the globe and stringent laws & regulations regarding work environment safety are expected to drive the advanced protective gear and armor market during the forecast period. However, the supply of poor quality, low-cost products and low safety compliance in the construction industry are anticipated to hamper the growth of the market. Moreover, rise in military expenditure to acquire body armor and technological advancements in protective gear and armor products are expected to offer lucrative opportunities in future.

Asia-Pacific dominates the market, in terms of revenue, followed by North America, Europe, and LAMEA. China dominated the [global advanced protective gear and armor market](#) share in Asia-Pacific in 2020, owing to increase in R&D activities, technological developments by big players, and rapid adoption of innovative technologies in making safer, convenient, and smart protective gear and armors. Asia-Pacific is expected to grow at a significant rate during the forecast period, owing to rise in investments to ensure high safety of industrial workers across various countries in the region.

By end-use industry, the advanced protective gear and armor market is categorized into industrial, oil & gas, law enforcement, healthcare, construction, and other. The oil & gas segment accounted for the highest revenue in 2020, owing to high demand for advanced protective gear in the huge oil & gas industry present across various parts of the globe.

By type, the advanced protective gear and armor market is bifurcated into thermal, chemical or biological, ballistic, and other. The chemical or biological segment accounted for the highest revenue in 2020, owing to possibility of different kinds of injuries involved in the chemical or biological industry verticals.

Key Findings Of The Study

By end-use industry, the healthcare system segment is expected to register significant [advanced protective gear and armor industry growth](#) during the forecast period.

By user, the personal segment is anticipated to exhibit significant growth in future.

By type, the chemical or biological segment is projected to lead the global advanced protective gear and armor market, owing to higher CAGR as compared to other segments.

By region, Asia-Pacific is anticipated to register the highest CAGR during the forecast period.

Key players operating in the global advanced protective gear and armor market include ArmorSource LLC, Avon Rubber P.L.C., BAE Systems plc, Bolle Safety Standard Issue, DuPont De

Nemours, Inc., Galls, LLC, Honeywell International Inc., MSA Safety Incorporated, Northrop Grumman Corporation, and Point Black Enterprises Inc.

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Allied Market Research

Allied Market Research

+1 800-792-5285

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