

# Spacesuit Market Size Worth USD 1.5 Billion Globally, by 2031 | SpaceX, Boeing, Sure Safety, Dover LP

*Spacesuit Market is driven by expansion of space exploration programs, an increase in the budget for the space industry, and advancements in material science.*

WILMINGTON, DE, UNITED STATES, July 8, 2025 /EINPresswire.com/ -- [Spacesuit market size](https://www.alliedmarketresearch.com/spacesuit-market) generated \$0.75 billion in 2021, and is anticipated to generate \$1.5 billion by 2031, witnessing a CAGR of 7.3% from 2022 to 2031.



The global spacesuit market is projected to grow, driven by factors such as the expansion of space exploration initiatives, increased funding for the space sector, and technological advancements in material science. However, the market may encounter obstacles due to the high costs associated with manufacturing and maintenance, as well as the lack of standardized designs and regulations. Despite these challenges, the emergence of space tourism offers a promising opportunity for industry players to scale their operations and boost profitability.

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An Intra-Vehicular Activity (IVA) suit is a type of spacesuit specifically designed for use inside a spacecraft or space station during critical phases such as launch, docking, and re-entry. Unlike Extravehicular Activity (EVA) suits, IVA suits are not equipped for spacewalks, as they lack external life support systems, mobility features, and other specialized tools required for operations outside the spacecraft. IVA suits are primarily built to offer essential protection, including pressure regulation, fire resistance, and often feature integrated communication systems and basic cooling mechanisms. Due to their less complex design compared to EVA suits, IVA suits are more cost-effective in terms of development, maintenance, and operation.

Additionally, IVA suits are generally easier to put on and remove, as they do not necessitate complex airlock procedures or decompression protocols. Aerospace manufacturers often create

these suits tailored to their specific crew capsules to ensure astronaut safety during launch and potential emergencies. For example, in May 2020, astronauts aboard the Crew Dragon mission wore specialized IVA suits known as SpaceX suits or Crew Dragon spacesuits developed by SpaceX for the Demo-2 mission.

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Asia-Pacific includes countries such as China, India, Japan, South Korea, and the rest of Asia-Pacific. Several countries in the Asia-Pacific region, including China, India, Japan, and South Korea, are rapidly expanding their space programs. As these programs continue to increase, there is a rise in demand for advanced spacesuits to support human space missions. The Asia-Pacific region is engaged in various space projects and space programs, which are expected to accelerate the development of spacesuits. Moreover, countries in the region are actively developing space programs and sending astronauts into space, increasing their presence in human spaceflight. Such developments are expected to drive the growth of the spacesuit market.

Based on region, North America held the highest market share in terms of revenue in 2021, accounting for more than half of the global spacesuit market revenue. This is attributed to the fact that private space companies in the region such as SpaceX and Blue Origin are investing in space exploration and building space stations. However, the Asia-Pacific region is expected to witness the fastest CAGR of 9.8% from 2022 to 2031 and is likely to dominate the market during the forecast period, owing to increased engagement in various space projects and space programs, which are expected to accelerate the development of spacesuits.

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Leading Market Players: -

DAVID CLARK COMPANY INCORPORATED  
ILC DOVER LP  
OCEANEERING INTERNATIONAL, INC,  
VINYL TECHNOLOGY, INC.  
PARAGON SPACE DEVELOPMENT CORPORATION  
SPACEX  
BOEING  
RAYTHEON TECHNOLOGIES CORPORATION  
PACIFIC SPACEFLIGHT  
SURE SAFETY

The report provides a detailed analysis of these key players in the global [spacesuit industry](#).

These players have adopted different strategies such as new product launches, expansion, contracts, new product development, and others to increase their market share and maintain dominant shares in different regions. The report is valuable in highlighting business performance, operating segments, product portfolio, and strategic moves of market players to showcase the competitive scenario.

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