

North America Cleanroom Flooring Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Type (Epoxy Coating, Urethane, Vinyl and Rubber Flooring, Methyl Methacrylate Flooring, and Others) and Application (Pharmaceutical and Medical Device Manufacturing, Nanotechnology and Semiconductors, Laboratory Research, and Others)

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Abstracts

The North America cleanroom flooring market is expected to grow from US\$ 870.28 million in 2022 to US\$ 1,345.80 million by 2028; it is estimated to grow at a CAGR of 7.5% from 2022 to 2028 .

Increased Requirement of Medical Devices is Driving the North America Cleanroom Flooring Market

A large number of patients are undergoing diagnostic and surgical procedures as a result of the rising prevalence of chronic diseases and the growing emphasis of healthcare organizations on early diagnosis and treatment. As a result, the demand for medical equipment is increasing in inpatient admission, and surgical and diagnostic facilities, wherein maintaining hygiene and preventing infection are top priorities. These factors are bolstering the demand for cleanrooms in medical device manufacturing industries, which, in turn, boosts the cleanroom flooring market. Further, the demand for wearables, including fitness trackers and monitoring devices, has surged during the COVID-19 pandemic. The increased demand for these devices is ascribed to the emphasis on fitness among people around the North America. Moreover, the clientele for these gadgets grows with the introduction of upgraded versions at reasonable prices. Cleanrooms play a vital role in the manufacturing of these devices by filtering

particulates such as dust, vaporized articles, or airborne organisms from entering the room, thereby minimizing airborne contamination. In addition, cleanrooms not only ensure the safety of products but also contribute to the safety of equipment operators and end users. Some of the raw materials used in medical device production produce contaminants that can be hazardous to operators and wearing gowns and protective equipment in cleanrooms provides them protection against these them. Moreover, air filtration systems keep the immediate environment safe for personnel. Thus, with the increasing demand for medical devices, the need for cleanrooms is on the rise in the medical device industry, which propels the North America cleanroom flooring market .

North America Cleanroom Flooring Market Overview

The North America cleanroom flooring market is segmented into the US, Canada, and Mexico. The demand for cleanrooms is high in the pharmaceuticals, medical, biotechnology, semiconductor, electronics, and food processing industries, which also makes them key consumers of cleanroom flooring. Several major pharmaceuticals, aerospace, biotechnology, and electronics companies, and healthcare research and development facilities are located in North America. According to the European Federation of Pharmaceutical Industries and Associations (EFPIA), in 2020, North America accounted for 49.0% of world pharmaceutical sales. Moreover, pharmaceutical and biotechnology manufacturing are highly regulated industries, which leads to a continuous need for aseptic manufacturing conditions in these industries. The Food and Drug Administration (FDA) is the regulatory authority supervising the review, approval, and post-approval compliance of drugs. The FDA has set strict controls on the planning and construction of cleanrooms in the US. The regulations state that aseptic processing facilities should include easily cleanable floors, walls, and other hard surfaces.

North America Cleanroom Flooring Market Revenue and Forecast to 2028 (US\$ Million)

North America Cleanroom Flooring Market Segmentation

The North America cleanroom flooring market is segmented on the basis of type, application, and country. Based on type, the North America cleanroom flooring market is segmented into epoxy coating, urethane, vinyl and rubber flooring, methyl methacrylate flooring, and others. The epoxy coating segment held the largest market share in 2022.

Based on application, the North America cleanroom flooring market is segmented into pharmaceutical and medical device manufacturing, nanotechnology and

semiconductors, laboratory research, and others. The nanotechnology and semiconductors segment held the largest market share in 2022.

Based on country, the North America cleanroom flooring market is segmented into the US, Canada, and Mexico. The US dominated the market share in 2022.

AES Clean Technology, Inc.; Gerflor SAS; E P Floors CORP; Forbo Flooring India PVT LTD; Florock Polymer Flooring INC; Lindner AG; and Polyflor Ltd. are the leading companies operating in the North America cleanroom flooring market.

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