

North America Screen Printing Mesh Market Size and Forecasts to 2030 - Regional Analysis - by Product Type (Regular and Dyed), Material (Polyester, Nylon, Tungsten, Stainless Steel, and Others), and Application [Textiles, Electronics & Electricals (Circuit Boards, Solar Panels, Displays, and Others), Glass & Ceramics, and Others]

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Abstracts

The North America screen printing mesh market was valued at US\$ 209.77 million in 2022 and is expected to reach US\$ 281.93 million by 2030; it is estimated to grow at a CAGR of 3.8% from 2022 to 2030.

Automation Integration in the Screen-Printing Mesh Fuels the Growth of North America Screen Printing Mesh Market

Automation integration is poised to revolutionize the North America screen printing mesh market, ushering in a new era of efficiency and innovation. This trend offers remarkable advantages by seamlessly merging traditional screen printing techniques with cutting-edge automated technologies. It allows for rapid and cost-effective customization, catering to the growing demand for personalized products. With the ability to effortlessly transfer designs to screen printing machines, setup times are reduced, enabling faster turnarounds. Moreover, the precision and high-quality output achieved through automation integration make it ideal for intricate designs and vibrant color reproduction. As businesses intend to stay competitive and meet the evolving preferences of consumers, automation integration is set to play a pivotal role in reshaping the future of screen printing, making it a dynamic and adaptive industry. For instance, over the last decade, screen printing machine manufacturers have begun to

embrace automation technology by adding programmable logic controllers (PLCs) to their equipment. PLCs replace standard analog machine controls with the same type of microprocessor that runs a personal computer. It replaces solid-state digital control with the same type of microprocessor that runs a personal computer. Typically, PLCs are connected to equipment by cable and have a user interface on the equipment to set operating parameters. Thus, automation integration is projected to boost the North America screen printing mesh market growth over the coming years.

North America Screen Printing Mesh Market Overview

The North America screen printing mesh market is segmented into the US, Canada, and Mexico. North America has well-established textile, electronics, and glass industries, contributing significantly to the demand for screen printing mesh. The textile industry is the major consumer of screen printing mesh in North America. The US holds a major share of the screen printing mesh market in North America. The textile industry in Mexico is one of the country's strongest industries with annual textile exports reaching US\$ 7 billion in 2021. Likewise, advancements and innovations in the North America electronics manufacturing industry are boosting the growth of electronics industry, which is further expected to propel the demand for screen printing mesh. A screen printing mesh is utilized for manufacturing printed circuit boards (PCBs) and touch screen & displays in the electronics industry. North America consists of major touch screen manufacturers offering an impressive range of high-quality touch screens with exceptional durability. This has created lucrative opportunities for screen printing mesh market in the region. Furthermore, the region offers growth opportunities for glass manufacturers due to the rising demand for decorative glass in the building & construction industry.

North America Screen Printing Mesh Market Revenue and Forecast to 2030 (US\$ Million)

North America Screen Printing Mesh Market Segmentation

The North America screen printing mesh market is segmented based on product type, material, application, and country.

Based on product type, the North America screen printing mesh market is bifurcated into regular and dyed. The dyed segment held a larger share in 2022.

Based on material, the North America screen printing mesh market is segmented into

polyester, nylon, tungsten, stainless steel, and others. The polyester segment held the largest share in 2022.

Based on application, the North America screen printing mesh market is segmented into textiles, electronics & electricals (circuit boards, solar panels, displays, and others), glass & ceramics, and others. The textiles segment held the largest share in 2022.

Based on country, the North America screen printing mesh market is segmented into US, Canada, and Mexico. The US dominated the North America screen printing mesh market in 2022.

Sefar AG, Saati SpA, HAVER & BOECKER, NBC Meshtec Inc, and Shanghai Gold-Up Screen Printing Facilities Co Ltd are some of the leading companies operating in the North America screen printing mesh market.

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