

# **Diabetic Socks Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product Type (Ankle Length, Calf Length, Knee Length), By Material Used (Polyester, Cotton, Wool, Nylon, Others (Spandex, Bamboo)), By Sales Channel (Hypermarkets, Pharmacy & Drug Stores, E-Commerce and Others (Distributors, Dealers, etc.)), By Region & Competition, 2021-2031F**

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## **Abstracts**

The Global Diabetic Socks Market is projected to expand from USD 270.91 Million in 2025 to USD 400.45 Million by 2031, reflecting a CAGR of 6.73%. These specialized socks utilizes moisture-wicking materials, seamless toes, and non-binding cuffs to enhance circulation and prevent ulcers in diabetic patients. Growth is largely driven by an aging demographic prone to neuropathy and a worldwide increase in diabetes cases, which necessitates preventive foot care. The International Diabetes Federation reported in 2024 that roughly 589 million adults globally live with diabetes, highlighting the urgent need for protective footwear to avert serious outcomes like amputation.

However, market growth faces hurdles due to the high cost of these specialized products relative to standard socks. This price premium acts as a deterrent, especially in low-income areas where disposable income is scarce and insurance coverage for preventive medical textiles is often lacking. Consequently, economic limitations persist as a significant obstacle to widespread adoption, preventing broader market penetration even though the health benefits are well-established.

## **Market Driver**

The surging global prevalence of diabetes acts as the primary driver for this market, significantly widening the pool of patients who need preventive foot care. As diagnosis rates climb, there is a proportional increase in demand for specialized hosiery designed to enhance circulation and minimize constriction, which is vital for managing daily foot health and averting ulcers. A study published in *The Lancet* in November 2024 revealed that the global adult population living with diabetes has reached 828 million, surpassing earlier estimates. This dramatic rise in the diabetic population directly fuels the demand for protective footwear to prevent chronic complications in the lower limbs.

Concurrently, heightened awareness regarding neuropathy and the dangers of poor foot hygiene is accelerating product adoption. Healthcare providers are actively advocating for diabetic socks as a crucial defense against ulcers and amputations, especially for high-risk groups. The urgency is underscored by severe complication statistics; for instance, Diabetes UK reported in February 2024 that over 180 diabetes-related amputations occur weekly in England. The market is further supported by the aging population's vulnerability, as the National Council on Aging noted in February 2024 that roughly 29.2% of adults over 65 have diabetes, ensuring consistent demand from the geriatric sector.

### **Market Challenge**

The high cost of specialized medical textiles stands as the main obstacle to the growth of the Global Diabetic Socks Market. Unlike standard hosiery, these socks necessitate complex manufacturing techniques to integrate features like moisture-wicking blends, seamless toe closures, and non-binding cuffs. These technical demands inflate production costs, leading to a retail price premium that discourages price-sensitive buyers. This price gap forms a significant barrier, particularly in low-to-middle-income regions where patients frequently must cover the cost of preventive foot care out-of-pocket without insurance assistance.

The issue of affordability is exacerbated by the substantial economic burden of the disease itself, which drains financial resources that might otherwise be spent on ancillary care. The pressure on both personal and public health budgets necessitates difficult choices between essential medications and preventive accessories. According to the International Diabetes Federation, global health expenditures related to diabetes reached at least USD 1 trillion in 2024. This massive financial strain limits the purchasing power of patients, restricting market penetration as individuals are forced to prioritize immediate medical treatments over protective footwear.

## Market Trends

The market is being transformed by the integration of smart sensor technology, which evolves diabetic hosiery from passive protection into active, real-time disease management tools. Manufacturers are embedding microsensors into fabrics to track foot pressure and temperature, facilitating the early detection of inflammation prior to ulcer formation. This innovation is drawing substantial investment; as reported by TechFundingNews in January 2025, US-based company Siren secured USD 9.5 million to advance its temperature-monitoring socks. This trend highlights a shift toward linking wearable medical textiles with remote patient monitoring systems to lower long-term treatment costs.

Parallel to this, the use of antimicrobial nanotechnology is emerging as a key product differentiator, addressing the critical need to lower infection risks in patients with previous lower limb issues. To counter bacterial and fungal growth, manufacturers are incorporating silver and copper-infused fibers that disrupt pathogen cell membranes. The importance of such continuous protection is evident in the persistence of the condition; Medscape noted in September 2025 that the three-year recurrence rate for diabetic foot ulcers is around 58%, comparable to aggressive cancers. Thus, antimicrobial properties are becoming indispensable for preventing re-infection and maintaining long-term remission in high-risk patients.

## Key Market Players

BSN Medical, Ltd.

HangZhou Aidu Trading Co., Ltd.

Simcan Enterprises Inc.

Intersocks S.R.L.

Thorlo, Inc.

Creswell Sock Mills, LLC

Veba Inc.

PediFix, Inc.

Lifestyle Medical Group LLC

Walgreen Co.

## Report Scope

In this report, the Global Diabetic Socks Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

### Diabetic Socks Market, By Product Type

Ankle Length

Calf Length

Knee Length

### Diabetic Socks Market, By Material Used

Polyester

Cotton

Wool

Nylon

Others (Spandex

Bamboo)

### Diabetic Socks Market, By Sales Channel

Hypermarkets

Pharmacy & Drug Stores

E-Commerce

Others (Distributors

Dealers

etc.)

## Diabetic Socks Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

## **Competitive Landscape**

Company Profiles: Detailed analysis of the major companies present in the Global Diabetic Socks Market.

## **Available Customizations:**

Global Diabetic Socks Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

## **Company Information**

Detailed analysis and profiling of additional market players (up to five).

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