

Global Medical Compression Socks Market Set to Double by 2034

The medical compression socks market is growing rapidly, driven by rising cases of venous disorders, increased health awareness, and innovations

VANCOUVER, BC, CANADA, August 25, 2025 /EINPresswire.com/ -- The [Medical Compression Socks Market](#) is witnessing strong growth, projected to rise from USD 1.5 billion in 2024 to USD 3.0 billion by 2034, registering a CAGR of 7.20%. This growth is fueled by rising cases of venous disorders, increasing awareness about compression therapy, and advancements in textile and wearable technologies.



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Key Market Highlights

Graduated compression socks hold the largest share due to their proven ability to promote blood circulation and prevent venous disorders.

Sports compression socks are the fastest-growing segment as athletes and fitness enthusiasts increasingly seek performance and recovery benefits.

Chronic venous insufficiency is the top application segment, while deep vein thrombosis (DVT) prevention is seeing the highest growth.

North America currently leads the market, supported by strong healthcare systems, while Asia Pacific is expected to grow fastest, driven by rising healthcare investments and lifestyle-related diseases.

Technological innovations, including smart compression socks with health-monitoring sensors and eco-friendly materials, are gaining traction.

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Market Drivers

The increasing prevalence of venous disorders is a major driver of market expansion. According to the CDC, about 900,000 people in the U.S. are affected by venous thromboembolism annually. The aging population further fuels demand, with the UN estimating that the population aged 60 and above will reach 2.1 billion by 2050.

Governments and health organizations are also promoting compression therapy to reduce the burden of venous diseases. For example, the U.S. Department of Health and Human Services is funding awareness campaigns to increase accessibility, and the European Union has emphasized preventive healthcare initiatives.

Leading brands such as Sigvaris Group are innovating to meet consumer needs. In 2023, Sigvaris launched a new line featuring moisture-wicking technology, quickly gaining a 15% market share in its first year.

Key Challenges

Despite rapid growth, the market faces regulatory hurdles. Strict compliance requirements from bodies like the U.S. FDA and the EU Medical Device Regulation (MDR) can delay product launches and increase costs, particularly for smaller manufacturers. Lack of global standardization in product quality also limits faster market adoption.

Segmentation Insights

By Product Type

Graduated Compression Socks: Largest segment, projected to grow from USD 600 million in 2024 to USD 1.2 billion by 2034 at a 7.5% CAGR, driven by widespread clinical adoption.

Sports Compression Socks: Fastest-growing segment, expected to grow from USD 300 million in 2024 to USD 650 million by 2034 at an 8.2% CAGR, supported by increased interest in fitness and advanced sensor technology.

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By Application

Chronic Venous Insufficiency: Largest application segment, set to grow from USD 500 million in 2024 to USD 1.1 billion by 2034 at an 8.0% CAGR.

Deep Vein Thrombosis Prevention: Fastest-growing, expanding from USD 400 million in 2024 to USD 900 million by 2034 at an 8.5% CAGR.

By End User

Hospitals and Clinics: Largest user group, expected to grow from USD 700 million in 2024 to USD 1.4 billion by 2034.

Homecare Settings: Fastest-growing segment, projected to rise from USD 300 million in 2024 to USD 700 million by 2034 at an 8.3% CAGR, driven by demand for home-based healthcare.

By Distribution Channel

Hospital Pharmacies: Largest channel, with growth from USD 600 million in 2024 to USD 1.2 billion by 2034.

Online Stores: Fastest-growing, forecasted to expand from USD 200 million in 2024 to USD 500 million by 2034 at a 9.0% CAGR, supported by e-commerce penetration and direct-to-consumer strategies.

Regional Outlook

North America leads the global market, driven by high awareness, advanced healthcare infrastructure, and strong product availability.

Asia Pacific is projected to see the fastest growth, supported by rising healthcare spending, a growing aging population, and increasing lifestyle diseases.

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Emerging Trends

Smart compression socks with integrated sensors are revolutionizing the market, enabling real-time health monitoring.

A shift toward sustainable materials is evident, with a 30% rise in eco-friendly product demand, reflecting consumer preference for greener healthcare solutions.

Medical Compression Socks Competitive Strategies & Notable Developments

Sigvaris Group

Medi GmbH & Co. KG

BSN Medical

Bauerfeind AG

Juzo

Therafirm

2XU

CEP

Zensah

Nike

Medical Compression Socks Market Segmentation

By Product Type

Graduated Compression Socks

Anti-Embolism Compression Socks

Sports Compression Socks

Non-Medical Support Hosiery

By Application

Chronic Venous Insufficiency

Deep Vein Thrombosis Prevention

Lymphedema Management

Post-Surgical Recovery

By End User

Hospitals and Clinics

Ambulatory Surgical Centers

Homecare Settings

Sports and Fitness Centers

By Distribution Channel

Hospital Pharmacies

Retail Pharmacies

Online Stores

Specialty Stores

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