

# Compression Stockings Market 2024: USD 3.4 Billion by 2032, Driven by the Rising Prevalence of Chronic Venous Disorders

*The compression stockings market size is estimated to reach \$3.4 billion by 2032, growing at a CAGR of 6.1% from 2023 to 2032.*

WILMINGTON, DE, UNITED STATES, September 19, 2024 /EINPresswire.com/ -- Introduction



North America region accounting for nearly two-fifths of the global compression stockings market revenue and is likely to dominate the market during the forecast period. "

*Allied Market Research*

The [compression stockings market](#) size was valued at \$1.9 billion in 2022, and is estimated to reach \$3.4 billion by 2032, growing at a CAGR of 6.1% from 2023 to 2032, driven by increasing health awareness, a growing aging population, and rising cases of venous disorders and other medical conditions requiring compression therapy. Compression stockings, designed to improve blood circulation, are commonly used to prevent and manage conditions such as varicose veins, deep vein thrombosis (DVT), and chronic venous insufficiency. This report delves into the key market drivers, challenges, trends, and future

opportunities in the compression stockings market.

Compression stockings are specialized hosiery items designed to apply gradual pressure to the legs, helping to maintain blood flow and reduce discomfort or swelling. They are categorized by their compression levels, ranging from mild to extra firm, and are used in both preventive healthcare and post-surgical rehabilitation. The market serves a wide variety of consumers, including athletes, pregnant women, and patients with medical conditions requiring venous support.

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Key Segments:

By Product Type: Knee-high, thigh-high, and pantyhose compression stockings.

By Compression Level:

Mild (8-15 mmHg): For mild swelling or discomfort.

Moderate (15-20 mmHg): Used to prevent or manage mild varicose veins and minor swelling.

Firm (20-30 mmHg): For moderate varicose veins, swelling, and post-surgical recovery.

Extra Firm (30-40 mmHg and above): For more severe conditions like chronic venous insufficiency or deep vein thrombosis.

By Material: Nylon, spandex, cotton, and other synthetic blends.

#### Market Drivers

**Increasing Prevalence of Venous Disorders:** The rise in conditions such as varicose veins, edema, DVT, and chronic venous insufficiency has been a major driver of the compression stockings market. These disorders are more common among the aging population, who represent a growing demographic worldwide.

**Aging Population:** With the global population aging, there is an increasing demand for compression stockings to manage the mobility and circulation challenges that come with old age. Compression therapy helps improve blood circulation and can reduce the risk of blood clots in older adults.

**Rise in Sedentary Lifestyles and Desk Jobs:** Modern lifestyles that involve prolonged sitting or standing, such as desk-bound jobs, are contributing to the increasing prevalence of circulation issues like leg swelling, fatigue, and varicose veins. This has boosted demand for compression stockings among working-age adults.

**Growing Awareness of Preventive Healthcare:** There is a growing trend toward preventive healthcare, with consumers seeking products that can help them avoid future health problems. Compression stockings, which can prevent or reduce the risk of circulatory issues, are increasingly seen as an essential preventive healthcare product.

**Increasing Use in Sports and Fitness:** Compression stockings have gained popularity among athletes and fitness enthusiasts due to their ability to improve blood flow, reduce muscle soreness, and aid in faster recovery after intense workouts. This has broadened the consumer base for these products beyond just medical use.

#### Key Market Trends

**Technological Advancements in Compression Stockings:** Innovation in materials and design has led to the development of more comfortable and effective compression stockings. Advanced materials like moisture-wicking fabrics, anti-bacterial fibers, and seamless designs are making compression stockings more appealing to a broader range of consumers.

**Rising Popularity of Custom-Fit and Fashionable Compression Stockings:** Custom-fit compression stockings, which are tailored to individual leg measurements, are gaining popularity for providing more accurate and comfortable compression. Additionally, companies are focusing on designing more fashionable compression stockings with varied colors, patterns, and styles to appeal to younger consumers and expand beyond the medical-use image.

**E-Commerce and Online Retail Growth:** The increasing penetration of e-commerce has made compression stockings more accessible to a wider audience. Online platforms provide consumers with easy access to a variety of products, including reviews and detailed information on compression levels, enhancing purchasing decisions.

**Increased Demand from Healthcare Providers:** Hospitals and clinics are increasingly recommending compression stockings for post-operative recovery and managing venous issues, driving demand for medical-grade products. The use of compression therapy is common in managing post-surgical swelling and preventing complications like blood clots, especially for surgeries involving long bed rest.

### Market Challenges

**High Cost of Premium Compression Stockings:** High-quality, medical-grade compression stockings can be expensive, which limits their accessibility for some consumers. Premium products with advanced materials and custom-fit designs often come at a higher price point, potentially deterring buyers in lower-income regions.

**Lack of Awareness in Developing Regions:** While compression stockings are commonly used in developed regions for both medical and preventive purposes, there is a lack of awareness about their benefits in developing countries. The market faces challenges in terms of educating consumers and healthcare providers in these regions about the advantages of compression therapy.

**Discomfort and Compliance Issues:** Despite their benefits, some consumers find compression stockings uncomfortable to wear for extended periods, especially in hot and humid climates. Non-compliance with prescribed compression therapy remains a challenge in achieving optimal health outcomes.

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### Market Segmentation

#### By Product Type:

**Knee-High Stockings:** Most commonly used for mild to moderate conditions.

**Thigh-High Stockings:** Used for conditions affecting the entire leg or when knee-high options are insufficient.

**Pantyhose/Full-Length:** Preferred by consumers looking for full leg coverage, often used for post-surgical recovery.

#### By Compression Level:

**Mild Compression (8-15 mmHg):** Suitable for minor swelling, fatigue, or preventive use.

**Moderate Compression (15-20 mmHg):** Commonly used for mild varicose veins and swelling.

**Firm Compression (20-30 mmHg):** Typically prescribed for moderate varicose veins and post-

surgical recovery.

Extra Firm Compression (30-40 mmHg and above): Used for managing severe venous insufficiency or deep vein thrombosis.

By End-User:

Hospitals and Clinics: Major purchasers of compression stockings for post-surgical patients.

Home Care: Individuals using compression stockings for self-management of chronic venous disorders or preventive care.

Sports and Fitness Enthusiasts: Consumers using compression stockings to enhance performance and aid in muscle recovery.

By Distribution Channel:

Pharmacies and Medical Stores: Leading distribution channels for medical-grade compression stockings.

E-Commerce: A growing channel offering consumers convenience and access to a wide variety of brands and products.

Specialty Stores: Brick-and-mortar stores focused on medical supplies or fitness gear also play a key role in the distribution of compression stockings.

Regional Insights

North America: Dominating the global compression stockings market, driven by the aging population, a high prevalence of venous diseases, and greater consumer awareness. The U.S. is a key market due to advanced healthcare infrastructure and insurance coverage for medical-grade stockings.

Europe: A mature market for compression stockings, especially in countries like Germany, France, and the UK, where compression therapy is widely used for medical and preventive purposes. Europe's aging population and the prevalence of sedentary lifestyles are key growth factors.

Asia-Pacific: The region is expected to witness significant growth due to rising healthcare expenditure, increasing awareness of venous diseases, and a growing aging population. Countries like China, Japan, and India are key markets for future expansion.

Latin America: Emerging as a growing market, with increasing demand driven by greater awareness of compression therapy in managing venous disorders. Brazil and Mexico are key regional markets.

Middle East & Africa: While still developing, this region shows potential for growth, particularly in urban centers where awareness of venous health is rising. Affordability remains a challenge for widespread adoption.

Competitive Landscape

The compression stockings market is competitive, with several key players focusing on product

innovation, comfort, and aesthetic design to cater to a broader audience. Leading companies include:

**Sigvaris:** A global leader in medical compression therapy, offering a wide range of products for different medical conditions and consumer needs.

**Medi GmbH & Co. KG:** Known for its high-quality, German-engineered compression stockings, catering to both medical and sports-related needs.

**3M:** Through its Coban and Ace brands, 3M offers compression products used in healthcare and rehabilitation.

**BSN Medical (Essity):** Specializes in medical solutions, including compression stockings, with a focus on venous health and post-surgical care.

**Juzo:** A leading manufacturer of custom-fit and ready-to-wear compression stockings, with a focus on comfort and wearability.

#### Future Outlook

The global compression stockings market is poised for steady growth as healthcare needs evolve and consumer awareness of the benefits of compression therapy rises. Key factors driving future growth include:

**Increased Focus on Preventive Care:** As healthcare systems worldwide shift towards prevention, the demand for compression stockings is likely to rise, particularly for mild to moderate compression use.

**Expansion in Emerging Markets:** Growing healthcare infrastructure and rising awareness in regions such as Asia-Pacific and Latin America will offer new opportunities for market expansion.

**Technological Advancements:** Continued innovation in materials and smart compression technology will enhance comfort, performance, and user compliance, driving broader adoption across demographics.

**Aging Population:** The increasing number of elderly people, particularly in developed regions, will create sustained demand for compression stockings to manage age-related venous disorders.

For more information, contact the analyst:

<https://www.alliedmarketresearch.com/connect-to-analyst/A05953>

#### Leading Market Players: -

Spanx Inc.

Triumph International Corporation

2xu Pty Ltd.

Leonisa

Ann Chery

Colfax Corporation (DJO Global)

I-Runner

European Lingerie Group

Creswell Sock Mills  
Zhende Medical Group.

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