

# Juzo Silver

## Silver and Leg Health

Today's health care providers are facing escalating costs and treatment time for lower extremity patient care. In the United States alone, over 80 million people have venous disease<sup>1</sup> and 20 million have been diagnosed with diabetes<sup>2</sup>. These patients are at increased risk for underlying problems such as leg or foot pain, infections, swelling, skin irritations and ulcers.

The progression of venous and diabetic disease states usually involves skin breakdown and slow healing times; often leading to infections and/or cellulitis. In some cases these conditions are more severe and chronic.

Many people suffering from venous disease or diabetes find relief using ordinary graduated compression stockings; increasing circulation and tissue oxygenation.

Now Juzo Silver compression stockings will address the infections. Juzo Silver stockings offer the therapeutic benefits of compression, combined with the added benefits of pure elemental silver. Pure silver naturally eliminates harmful bacteria, which lead to infections.



## X-Static® - The Silver Fiber®

X-Static® fibers are made using pure silver that is permanently bonded to the textile fiber. This provides continuous antimicrobial protection. Today X-Static® silver fibers are used in a wide range of products including wound care dressings, sports apparel, military combat uniforms, and footwear.



# Juzo Silver

## Safe and Naturally Antimicrobial

Juzo Silver compression stockings are made using X-Static – The Silver Fiber. Silver is safe, natural, and for centuries has been medically recognized for its antimicrobial properties. Juzo Silver garments do not use chemicals to provide antimicrobial properties.

## Ionic Release

The antimicrobial effect of silver is generated by the release of silver ions. A release rate of at least one part per million (PPM) is required to offer effective antimicrobial efficacy. Juzo® Silver products offer a release rate well above the minimum requirement for antimicrobial activity<sup>1</sup>.

## Laboratory Tested

Juzo Silver compression stockings were tested by North American Science Associates (NAMSA) for antimicrobial activity. The tests show that Juzo Silver compression stockings eliminated over 99% of harmful Staphylococcus Aureus bacteria in less than 4 hours<sup>4</sup>.

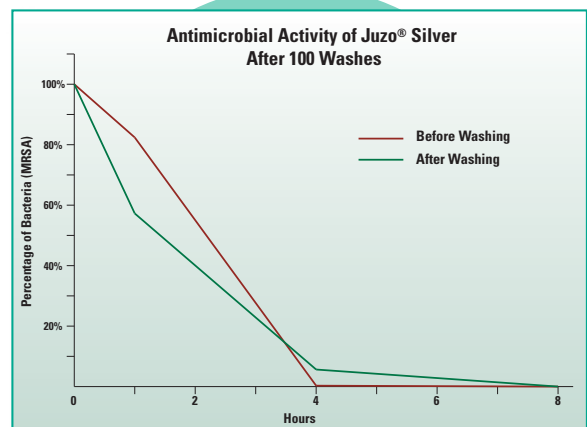
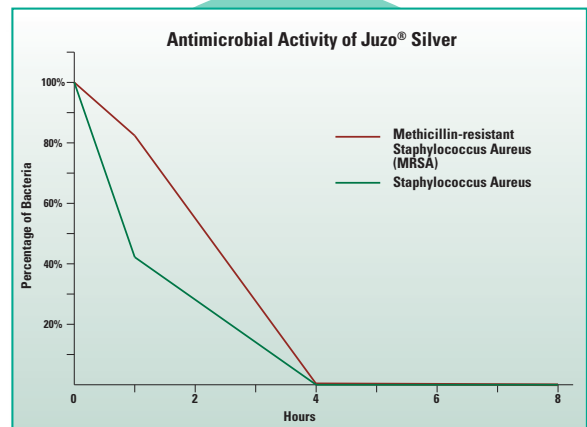
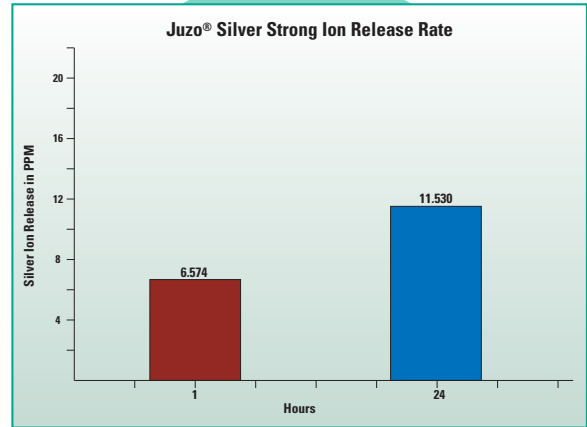
Methicillin-resistant Staphylococcus Aureus (MRSA) is a type of bacteria that is resistant to certain antibiotics. These antibiotics include methicillin and other more common antibiotics such as oxacillin, penicillin and amoxicillin. Laboratory tests show that Juzo Silver is highly effective at eliminating MRSA<sup>4</sup>.

## Wash Resistant

Juzo Silver is permanently bonded to the textile fibers. Laboratory tests show that Juzo Silver compression stockings maintain high efficacy even after 100 washes<sup>3,4</sup>.

## Heat Dissipating

Silver is one of the most thermally conductive elements in the environment. Heat between the skin and garment is dissipated into the environment via the silver fibers. This promotes a more pleasant wearing experience.



## Indications For Use

Juzo Silver compression stockings are recommended for the following indications:

- History of repeated infections or cellulitis
- Patients with a high risk of developing venous or diabetic ulcers<sup>5</sup>
- Early signs of skin irritations or breakdown
- Used over top wound dressings of an active ulcer
- Patients with poor personal hygiene

## Juzo® Silver Soft

Juzo Silver Soft stockings have high elasticity and softness making them easy and comfortable to wear. Our soft compression stockings is knitted with our unique FiberSoft™ weave, and X-static's pure silver fiber thread.

- Model 2060 Series
- Compression 20-30 & 30-40 mmHg
- Styles Knee-High, Thigh-High, Pantyhose
- Sizing I-V Standard, Short Length on Some Models

## Juzo® Silver Varin

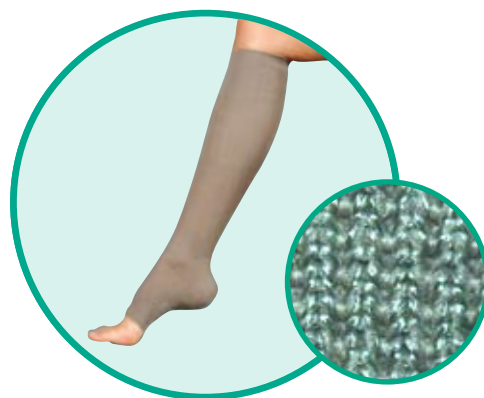
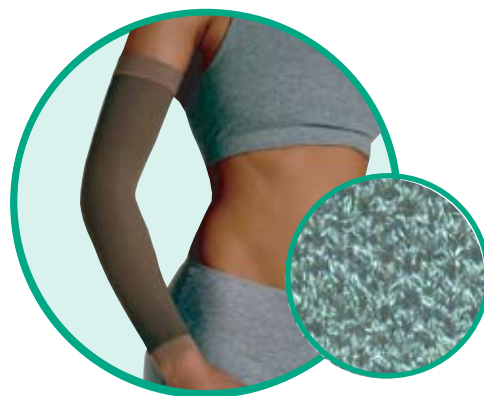
Juzo Silver Varin is durable and versatile. This opaque compression stocking features a seamless, two-way stretch knit for a contoured yet comfortable fit. Varin's dense knit also provides good containment. Made with X-Static® -The Silver Fiber®

- Model 3560 Series
- Compression 20-30, 30-40 & 40-50 mmHg
- Styles Knee-High, Thigh-High, Pantyhose, Armsleeves & Stump Shrinkers
- Sizing Custom Made, Standard Stump Shrinkers

## Juzo® Silver Strong & Silver Helastic

Juzo Silver Strong garments features X-Static's pure silver fiber and a dense, micro-massaging knit that provides excellent containment. Each garment is custom made to provide an optimal fit.

- Model 3050SV (Silver Strong), 3020SV (Silver Helastic)
- Compression 18-21, 23-32, 34-46, 50+ mmHg
- Styles Knee-High, Thigh-High, Pantyhose, Armsleeves
- Sizing Custom Made



# Juzo Silver

## Juzo® Silver Sole

Juzo Silver Sole Sock was designed for those with sensitive feet. A pillowed sole adds cushion to reduce blistering and callous buildup, and a channeled toe seam helps reduce toe irritation. Made with X-Static® - The Silver Fiber®.

- Model 5760 Series
- Compression Mild
- Styles Low Cut, Crew Length & Knee-High
- Sizing S, M, L, XL

## SilverSeal® Tubular Component

SilverSeal X-Static® Tubular Component is used to provide a non-compressive protective layer between the skin and short stretch bandages. Made with X-Static® - The Silver Fiber®, this tubular component offers a patient the added benefits of silver early during therapy.

- Model 1600 Series
- Styles Cut to Fit Upper or Lower Extremities
- Sizing 2" x 25 yards, 3" x 25 yards, 4" x 25 yards and 6" x 25 yards

## Medicare Reimbursement

Gradient compression stockings used in the management of venous stasis ulcers which serve a therapeutic or protective function and that are needed to secure a primary dressing may be covered by Medicare<sup>6</sup>. See Medicare guidelines for complete requirements.

Healthcare Common Procedure Coding System Codes

A6531 - Gradient Compression Stocking, Below Knee, 30-40 mmHg, each

A6532 - Gradient Compression Stocking, Below Knee, 40-50 mmHg, each



### Foot Notes

1 American College of Phlebology

2 American Diabetes Association

3 Testing performed by Noble Fiber Technologies Advanced Material Development Laboratory. Data on file.

4 Antimicrobial testing performed by North American Science Associates. Data on file.

5 Samson RH, Showalter DP, Stockings and the prevention of recurrent venous ulcers, *Dermatologic Surgery*, 1996 Apr; 22(4):373-6

6 Department of Health & Human Services, CMS, Program Memorandum AB-03-090, June 20,2003

© X-Static and X-Static - The Silver Fiber are registered trademarks of Noble Fiber Technologies.

© Juzo is a registered trademark of Julius Zorn, Inc.

© 2006 - Julius Zorn, Inc



Julius Zorn, Inc  
3690 Zorn Drive  
Cuyahoga Falls, Ohio 44223

1 800 222-4999  
www.juzousa.com