

HIGH PERFORMANCE COMFORT

LIKE NO OTHER SOCK

PEGASUS USA  
SOCKS



CATALOG  
2011

THE SCIENCE OF SOCKS



PEGASUS USA SOCKS ARE  
PROUDLY MADE IN THE  
UNITED STATES OF AMERICA

[WWW.PEGASUS-USA.COM](http://WWW.PEGASUS-USA.COM)

GSA

GS-07F-0316N



## INNOVATION IN COMFORT AND PERFORMANCE

At PEGASUS USA, we take socks seriously... and with a completely new approach to providing both sock comfort and performance. We make the most advanced socks available from state-of-the-art military and tactical socks to athletic, hiking and everyday socks. Our socks are manufactured in the United States of America from the finest materials using advanced computer-aided design and manufacturing processes. The human foot is one of the most complex areas of the human body, encompassing hundreds of muscles, tendons, bones and joints to provide a carefully orchestrated and almost endless combination of motion. Pegasus USA sock designs are based on the mechanics of how the human foot, ankle and lower leg collectively function to provide mobility and balance. But we don't stop there...our socks are also designed to address specific performance capabilities, such as fire resistance and moisture-wicking. This is why our socks are not only the most comfortable, but also provide additional levels of performance to better enable complex foot movements under the most demanding applications. We achieve this by combining advanced materials with zone-based textile manufacturing techniques to provide specific capabilities in key areas of the sock, resulting in both comfort and unsurpassed performance. At PEGASUS USA, we call it... the science of socks.

Pegasus USA products are available on GSA Contract No. GS-07F-0316N and all Pegasus USA Products are proudly Made in the USA and are Berry Amendment compliant.

- FLAME RESISTANT
- CUT RESISTANT
- MOISTURE WICKING
- QUICK-DRYING
- ZONE DESIGNS
- ABRASION RESISTANT
- ARCH SUPPORT
- INTEGRATED VENTILATION
- COMPRESSION PADS
- BLISTER CONTROL
- MULTI-LAYER
- ANTI-MICROBIAL
- DIFFERENTIAL DENSITY
- NON-BINDING
- ENHANCED DURABILITY
- INSULATING
- NON-RUB
- FLAT SEAM CONSTRUCTION





**Pegasus Expeditionary Sock**

Designed for prolonged usage while providing maximum comfort under demanding high load environments. Optimized for use with the latest U.S. Marines combat boot, this sock combines both performance and foot comfort where it counts. Features includes no-slip blister resistance, heel and toe padding for compression and high load capability along with arch support and ribbed uppers.  
 82% Wool, 10% Polyolefin, 5% Elastic, 2% Nylon, 1% Lycra  
 Part No.PEGO-050 (3 Pair Per Pack)



**Pegasus Special Warfare Sock**

Special warfare demands specialized equipment... including your socks. Ultra-comfortable and loaded with special features including excellent moisture management and wicking, high load capability with no-compression zones at the toe and heel, zone-optimized arch support and built in vents that produces a sock worthy of the special warfare operator.  
 62% Wool, 29% Polyolefin, 5% Elastic, 2% Nylon, 2% Lycra  
 Part No.PEGO-060 (3 Pair Per Pack)



**Pegasus Multi-Mission Boot Sock**

A highly adaptive sock that can fill just about any mission requirement, our designers maximized both comfort and performance by configuring a sock that works with the most commonly used boot designs to produce a truly multiple mission boot sock. We maximized moisture management and designed in specific zones for padding where military boots typically interact the most with your foot.  
 77% Wool, 9% Polyolefin, 5% Elastic, 8% Nylon, 1% Lycra  
 Part No.PEGO-140 (3 Pair Per Pack)



**Pegasus Hydro-Tec Boot Sock**

The sock experts at Pegasus USA took moisture management to a new level with this design. We incorporated design elements that can handle just about any combat boot, providing comfort and performance. This sock will keep your foot dry while keeping you on the move.  
 80% Hydro-Tec, 4% Elastic, 16% Nylon  
 Part No.PEGO-0A19 (3 Pair Per Pack)



**Pegasus TacVent Sock**

The sock to wear in hot conditions... and demanding tactical missions... period. The sock gurus at Pegasus loaded this sock design with the latest moisture management technology, including specialized vents that route moisture and heat away from the lower foot area while wicking moisture from your foot. Available in Black (B) and White (W).  
 63% Hydro-Tec, 29% Poly, 4% Elastic, 3% Nylon, 1% Lycra  
 Part No.PEGO-190B (3 Pair Per Pack)  
 Part No.PEGO-190W (3 Pair Per Pack)



**Pegasus Agent Sock**

Super comfortable and designed for use with 6 inch tactical boots, the Pegasus Agent Sock combines moisture management, no-slip blister control with a light-weight weave. The results... a high speed sock that works with your foot and your boot to maximize mobility and comfort whether responding to a call or in an office setting.  
 70% Hydro-Tec, 20% Nylon, 5% Polyolefin, 4% Elastic, 1% Lycra  
 Part No.PEGO-0A15 (3 Pair Per Pack)





## MILITARY, TACTICAL AND LAW ENFORCEMENT



### Pegasus Soldier Systems Sock

The most technologically advanced sock in the world. The designers at Pegasus utilized advanced composite technologies along with computer aided design to produce a sock that is derived from a variety of different materials systems. The result... a sock that actually protects your lower leg from dangerous cuts and abrasions, similar to body armor while maximizing comfort. It's safety equipment for your feet based on advanced aramid, glass and steel... like no other sock. Available to U.S. Military organizations only. Available in the Mingle top (M) or the Terry top (T).

32% Hydro-Tec, 31% Aramid/Glass/Steel Composite, 20% Polyester, 10% Polyolefin, 6% Elastic, 1% Lycra

Part No. PEGO-160M (3 Pair Per Pack)

Part No. PEGO-160T (3 Pair Per Pack)



### Pegasus Recon Sock

Finally... a sock that is lightweight, but packed with performance features while providing great comfort. Reconnaissance missions can involve periods of high mobility along with extended periods of static and low mobility functions. Of critical importance is the ability of this sock to perform both jobs with minimal weight.

63% Wool, 29% Polyolefin, 5% Elastic, 1% Nylon, 2% Lycra

Part No. PEGO-110 (3 Pair Per Pack)



### Pegasus Sock Liner

Designed to be worn with any of the Pegasus socks. Comfortable, no-slip polypropylene wicks moisture while providing insulation. Designed and produced based on the latest U.S. Military guidance regarding sock liners. Available in Black and White colors.

98% Polypropylene, 1% Elastic, 1% Nylon

Part No. PEGO-030 (White)

Part No. PEGO-035 (Black)

(3 Pairs Per Pack)



### Pegasus PT Running Sock

We applied our computer designs and advanced sock fabrics to a physical training and running sock. The result is a lightweight athletic-based sock that consists of enhanced load carrying properties in the heel and toe, along arch support and moisture management. We blended no-slip blister control with comfortable flat-seam construction to produce a military-grade PT sock. Available in black or white colors.

69% Hydro-Tec, 20% Polyester, 5% Nylon, 4% Elastic, 2% Lycra

Part No. PEGO-125 - Black (3 Pair Per Pack)

Part No. PEGO-120 - White (3 Pair Per Pack)



### Pegasus PT Running Sock-Quarter Height

The same great design, fabric and configuration of the Pegasus PT Running Sock, but in a quarter height version.

Available in Black color only.

69% Hydro-Tec, 20% Polyester, 5% Nylon, 4% Elastic, 2% Lycra

Part No. PEGO-0A16 (3 Pair Per Pack)





MILITARY AND TACTICAL SOCKS



**Pegasus Medium Weight Boot Sock**

Super comfortable boot sock that is designed with a reinforced heel and toe for extra support and lasting durability. This sock also features a colored arch support to help keep the sock in place for added comfort and blister control. Also includes built-in moisture management that keeps your feet dry.

83% Hydro-Tec, 12% Nylon, 3% Elastic, 2% Lycra  
Part No.PEGO-0A18 (3 Pair Per Pack)



**Pegasus Black Combat Boot Sock**

We redesigned the time-honored classic combat sock that has been used by the U.S. Military for 50 years... and it's a great sock with modern comfort and performance. Provides all over comfort for the foot and calf caused by combat boots.

The redesigned arch support feels great and helps keep the sock from slipping in your boots, minimizing blisters. We also built-in extra cushioning and compression resistance, along with moisture management.

72% Acrylic, 24% Nylon, 3% Elastic, 1% Poly.  
Part No.PEGO-210B (3 Pair Per Pack)



**Pegasus Thermal Boot Sock**

A true basic sock that a ribbed top to keep the sock in place, as well as a reinforced heel and toe areas for added comfort and durability.

76% Cotton, 13% Hydro-Tec, 9% Poly, 1% Elastic, 1% Nylon  
Part No.PEGO-220 (3 Pair Per Pack)



**Pegasus Full Terry Quarter PT Sock**

This sock is perfect for runners and hikers alike. It gives extra protection to the Achilles heel area while minimizing friction and reducing pressure. Also features reinforced heel and toe with added arch support and has half-terry construction in the bottom and top foot areas for unsurpassed comfort.

78% Wool, 13% Poly, 4% Nylon, 3% Elastic, 2% Lycra  
Part No.PEGO-300 (Military PT Tan/Olive) (3 Pairs Per Pack)  
Part No.PEGO-305 (White with Black Logo) (3 Pairs Per Pack)



**Pegasus Diabetic Sock**

Our diabetic socks are made using the more-pull method in order to make the sock non-binding in the leg area. The result: a comfortable sock that does not restrict blood flow. Available in black or white colors.

Black: 65% Cotton, 22% Acrylic, 9% Poly, 3% Elastic, 1% Nylon  
White: 87% Acrylic, 10% Poly, 2% Elastic, 1% Nylon

Part No.PEGO-320 (Black) (3 Pairs Per Pack)  
Part No.PEGO-325 (White) (3 Paris Per Pack)





**Pegasus Protective Over-Sleeves and Protective Gaiters**

Advanced composite engineering materials provides the performance in the Pegasus USA Protective Over-Sleeves and Protective Gaiters. Cut resistant and fire resistant, this safety equipment is perfect for use as a part of armored vests and riot control gear. Never before has this level and type of protection been available that is easy to wear and easy to clean. Thermal management is provided through Hydro-Tec that keeps your arms and legs dry.

32% Hydro-Tec, 31% Aramid/Glass/Steel Composite, 20% Poly, 10% Olefin, 6% Elastic, 1% Lycra

Part No. PEGO-180A (Protective Arm Over-Sleeve) (3 Pair Per Pack)

Part No. PEGO-180L (Protective Leg Gaiter) (3 Pair Per Pack)



**Pegasus Half Terry Quarter PT Sock**

Runners, hikers and anyone in some serious PT... this sock is constructed using half terry weave in the top and bottom foot compression areas for lightweight comfort and performance. We pumped up the padding in the heel where your foot takes a beating and we included beefy arch support with a comfortable half terry internal weave... you have never worn a PT sock like this.

75% Wool, 15% Polyolefin, 4% Nylon, 3% Elastic, 3% Lycra

Part No. PEGO-310 (Military PT Colors With White Top/White Logo) (3 Pairs Per Pack)

Part No. PEGO-315 (Military PT Colors With Black Top/Black Logo) (3 Pairs Per Pack)



the science of socks

MILITARY AND TACTICAL SOCKS



T T T  
Z Z Z  
E E E  
> > >  
T A C  
T A C  
T A C

because freedom never rests...

### TACTICAL VENTILATED SOCK

Let's face it... more and more missions are in hot and humid environments. Until now, sock designs for such demanding missions have been noticeably absent. Our engineers designed a sock just for the hot zones... the TacVent Sock from Pegasus USA. The TacVent Sock is salvation for your feet... and we achieved this by integrating an innovative ventilation system right into the sock plus moisture transport via Hydra-Tek engineering materials. Anti-microbial fibers and flame resistance rounds out this advanced boot sock that blends comfort with hot-zone performance.

**FEATURES:**

- INTEGRATED VENTILATION SYSTEM
- FLAME RESISTANT
- ANTI-MICROBIAL
- MOISTURE WICKING
- ENHANCED ARCH SUPPORT
- FLAT-SEAM CONSTRUCTION
- MEDICAL NO-BIND KEEPERS
- REINFORCED TOE AND HEEL



the science of socks

AVAILABLE EXCLUSIVELY  
FROM  
TACTICAL GEAR COMMAND  
800-838-5308

MILITARY AND TACTICAL SOCKS

# SOLDIER SYSTEMS SOCK

THE CHOICE OF AMERICA'S WARRIORS

AVAILABLE ONLY TO U.S. MILITARY AND FEDERAL AGENCIES

Medically-Designed Keeper Area Retains Your Sock In Place While Allowing Blood Flow to Your Lower Leg and Foot

Advanced Cut-Resistant, Abrasion-Resistant Polyamide-Glass-Steel Composite Protects the Lower Leg and Ankle

Hydro-Tec Moisture Wicking Lower Keeps Your Feet Dry

Boot Lace Compression Pad Area

Compression Pad and Enhanced Arch Support

Reinforced Toe



Socks So Technologically Advanced...  
They Shouldn't Be Called Socks

The textile design experts at Pegasus USA designed a sock that is based on a combination of different engineering materials systems to arrive at the Soldier Systems Sock, the most advanced military and tactical socks in the world. The result is a comfortable and feature-packed boot sock that includes cut-resistant and abrasion-resistant polyamide uppers, similar to body armor, along with extra padding on the top of the sock where your foot meets the boot lace area. Enhanced compression load carrying capability is provided in the sole along with arch support. Your feet stay dry through the use of Hydro-Tec, providing moisture management and quick-dry capability. Reinforced heel and toe areas, along with smooth, flat seam construction rounds out this technologically advanced sock. Materials: 32% Hydro-Tec, 31% Aramid/Glass/Steel Composite, 20% Polyester, 10% Polyolefin, 6% Elastic, 1% Lycra.

FEATURES:

- CUT-RESISTANT
- ABRASION-RESISTANT
- MOISTURE WICKING
- ANKLE SUPPORT
- LACE COMPRESSION PAD
- ENHANCED ARCH SUPPORT
- FLAT-SEAM CONSTRUCTION
- MEDICAL NO-BIND KEEPERS
- REINFORCED TOE AND HEEL



PEGASUS USA  
HIGH PERFORMANCE COMFORT



AVAILABLE  
TO U.S. MILITARY  
AND FEDERAL  
AGENCIES  
ONLY

SOLDIER SYSTEMS SOCK

# ADVANCED PROTECTION FOR THE LOWER LEG AND ARMS

AVAILABLE EXCLUSIVELY  
FROM  
TACTICAL GEAR COMMAND  
800-838-5308



**PEGASUS USA  
PROTECTIVE GAITERS  
AND OVER-SLEEVES  
PROVIDES CRITICAL  
PROTECTION TO THE  
LOWER LEG AND  
ARM AREAS**

## ADVANCED GAITERS AND OVER-SLEEVES

- FIRE RESISTANT
- SLASH RESISTANT
- CUT RESISTANT
- ABRASION RESISTANT

- Can Be Worn Over or Under Uniforms
- Perfect for Use With Armor Vests and Related Riot and Fire Equipment
- Easily Repositioned or Removed
- Economically Priced
- Clean Using Regular Wash Cycle



### PEGASUS USA PROTECTIVE GAITERS

Protection for the lower legs and arms is finally available that provides cut-resistance and fire-resistance. Pegasus Protective Over-Sleeves and Gaiters are simple, easy to use and effective protection against cuts, slashes, abrasion and now features added FR (fire-resistance) protection as well. U.S. Military medical combat injury statistics clearly report that most field injuries are in the extremities... or the legs and arms. Constructed of proven aramid, glass and steel composite engineering materials, these protective sleeves and gaiters are serious protection for a variety of applications including combat, riot control, law enforcement, SWAT, search and rescue and fire. Advanced performance also includes Hydro-Tec PET-based thermal management to keep you cool and dry.



### PEGASUS USA PROTECTIVE OVER-SLEEVES



**PEGASUS USA**  
HIGH PERFORMANCE COMFORT



### THE SCIENCE OF SOCKS

Socks are complex engineered products and consist of a variety of design variables including advanced engineering materials (fibers and yarns) along with various different types of textile weaving methods.

#### **Sock Materials**

There are a number of natural and man-made materials used in Pegasus USA socks. We combine these various materials in unique and effective methods to provide socks that have the right combination of both comfort and performance.

**Cotton** - Perhaps the best known and most commonly used yarn, cotton is relatively strong but does not exhibit sufficient elasticity or moisture wicking properties. As a result, 100% cotton socks often fail to hold their shape and can therefore provide limited or poor friction control. Accordingly, cotton is typically used a component of a multiple-material sock.

**Wool** - Wool is a natural and highly-versatile material that provides excellent absorption and can repel moisture. Wool out performs cotton in terms of moisture management and also provides unique insulation characteristics. Wool fibers consist of thousands of microscopically small pockets of air which provides insulation. As a result, wool fibers naturally regulate the temperature of your foot, keeping you cool in hot environments and warm during cold weather.

**Merino Wool** - Merino wool is a special and fine grade of wool that comes from Merino sheep. Merino wool is exceptionally soft and comfortable as a result of the fine fiber diameter. As a result, Merino wool does not itch and is shrink treated to maintain its size and sock shape after repeated washing.

**Acrylic** - A man-made textile, acrylic provides excellent cushioning and compression resistance to specific areas of the sock, along with moisture management properties. Acrylic is also useful in terms of reducing foot-to-sock friction and therefore reduces blisters.

**Polyolefin** – As the only Nobel Prize winning fiber, Olefin retains less than .01% of its weight in moisture - so much so, that it floats! It also resists deterioration from chemicals and perspiration. This produces a fast drying, lightweight sock with incredible breathability, superb abrasion resistance and outstanding wear. Best of all, the production of Olefin has less environmental impact than most polymers because it leaves very little waste. Plus it's easier to recycle than most synthetic fibers.

**Polypropylene** – Polypropylene is a superior fabric to others such as cotton. Cotton and many other fabrics wick sweat, but retain it and take too long to dry, keeping your skin wet and cold. Polypropylene does not absorb any moisture so it dries very quickly. 100% polypropylene is not only the best in terms of performance it is also the best value. The secret is low thermal conductivity; in fact polypropylene has the lowest thermal conductivity of any apparel fabric. When compared to other synthetic fibers like polyester, polypropylene displays a higher thermal insulating power and bulk without the weight. The high-tech fiber has excellent moisture-wicking action, non-allergenic and is easy to care for.





Nylon -Nylon provides good shape control, excellent fit along with durability. Unlike other man-made fibers used commonly in socks, nylon provides elasticity, recovery and close fit properties.

High elongation

Excellent abrasion resistance

Highly resilient (nylon fabrics are heat-set)

Easy-care

High resistance to fungi, as well as molds, mildew, rot and many chemicals

Melts instead of burning

Spandex (Lycra) – Spandex is a synthetic fiber known for its exceptional elasticity. It is strong and more durable than rubber, its major non-synthetic competitor. It is a polyurethane-polyurea copolymer that was invented in 1959 by chemist Joseph Shivers. Spandex, or lycra, is a synthetic fabric with a polymer base, like polyester. Spandex, however, has unique properties that make it well suited to certain applications, such as sports apparel. Spandex is able to expand up to 600% and spring back without losing its integrity, although over time, the fibers may become exhausted. Unlike many other synthetic fabrics, spandex is a polyurethane, and it is this fact that is responsible for the fabric's peculiarly high elastic qualities. Spandex is an outstanding blending fabric due to its excellent resiliency, dimensional stability, and elastic recovery. It enhances the features of every fabric that it is blended with to create a stronger, more versatile piece of clothing. Spandex brings out the best in other fabrics by complimenting their strongest qualities.

Delcron Hydrotec Polyethylene Terephthalate (PET) - Delcron™ Hydrotec Fiber polyester staple fiber, an innovative technology which provides superior moisture management and comfort to a variety of fabrics. Delcron Hydrotec Fiber is a proprietary fiber that delivers superior wicking and drying performance.

Polyamide- Polyamide is a polymer containing monomers of amides joined by peptide bands. They can occur naturally and artificially. They are used because of their durability and strength.

X-Static- X-Static is made with a layer of 99.9% pure silver. X-Static is also a fiber antimicrobial which inhibits growth of bacteria and fungi and neutralizes ammonia and denatured proteins. It is 100% all-natural, containing no chemical or pesticides. X-Static actively reflects energy back to the skin minimizing heat loss.

### **Sock Textile Manufacturing Methods**

Welt- Welt is a band at the top of the sock that helps the sock to stay in place for a better fit without cutting or cording into the leg.

Ribbed Top- Ribbed Top is the leg part of the sock that hugs and support the leg area and aids in helping the sock to stay in place. It also provides mild compression.

Cushion- Cushion can be full terry or half terry and is in the foot of the sock. It helps to absorb some shock from walking/running. It also provides comfort and warmth and aids in wicking moisture away when applicable.





**More Pull-** More pull is used for non binding socks in the leg area. It helps with circulation in diabetic socks without any added compromising or binding and without restricting blood flow or circulation.

**Y-Heel-** Y-heel is used in the heel of the sock to give a better fit to the contour of the foot.

**Arch-** Arch is the elastic band around the foot in some socks. It is built in to help hold the sock in place and give support to the arch for added comfort.

**Reinforced Heel and Toe-** Reinforced heel and toe means there are extra material added to the heel and toe area to make the sock more durable with longer life and to add extra comfort in vital parts of the sock.

**Ring Toe-** Ring toe is the 1 to 2 inch area that is full terry before the toe. It provides extra comfort for the toe area. It also aids in adding life to the sock due to the extra movement in that area with cushion and support.

**Vents-** Vents are located in the foot and/or leg area and they allow breath-ability and transportation of moisture. Help to keep feet cooler and dryer as well as allow for free movement to the foot without restriction or binding.

**Reciprocated Heel and Toe-** Reciprocated heel and toe is used to give the sock a better fit by matching the contour of the foot naturally.

**Hi-Splice-** Hi-splice is the area on the bottom of the foot between the heel and toe and also in boot area above the heel. It gives the sock more cushion. It also adds life and durability to the bottom of the sock and helps relieve shock and stress on the foot due to running/walking and pro long uses.

**Mesh-** Mesh is located in the foot area and allows flexibility and breath-ability. It also aids in many other factors to assist in added comfort as well as mobility.

