



Greenyarn 2010

Brochure



Greenyarn



Greenyarn - Technology in Nature

About us

- **Greenyarn is eco-friendly.** We are a green materials company based in Boston, Massachusetts. We create green fabric to satisfy today's environmentally conscious market.
- **Greenyarn is high technology.** Our mission is to make life-changing products through continuous research and development.



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About us

- Our socks are fine gauge **200 needle** count, cushioned sole support, and contain our flagship material, **Eco-fabric**. Our products are regularly tested for consistent quality.
- **Greenyarn listens.** We care about our partners and customers and engage their feedback to further enhance our products and services.



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Eco-fabric

- **Eco-fabric** is an advanced material made from activated bamboo charcoal. It is anti-bacterial, anti-fungal, deodorizing, absorbs and emits far-infrared radiation, thermal regulates, and prevents static build up.



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What is Eco-fabric

- **Eco-fabric** is material embedded with nano-particles of activated bamboo charcoal.
- **Eco-fabric's** bamboo charcoal nano-particles comes from Taiwanese Moso Bamboo (*Phyllostachys heterocycla pubescens*), grown naturally in the Jhushan “Bamboo Mountain” region of Taiwan. A renewable resource, a bamboo forest regrows in 4-5 years, while a tree forest takes 60 years.



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How is Eco-fabric made?



Select, 4 – 5 year old bamboo is grown naturally in Jhushan (Taiwan).

The bamboo is dried and heated at 800°C until it becomes bamboo charcoal.



The bamboo charcoal is sent for further processing to be turned into nano particles.

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How is Eco-fabric made?



Ultra-fine bamboo charcoal nano particles are embedded into cotton, polyester or nylon fiber.

The fiber is then drawn into yarn, and processed into **Eco-fabric**.



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Eco-Fabric Properties

De-odorizing

- Bamboo-charcoal has a porous structure similar to that found in charcoal gas filters. Thus, **Eco-fabric** absorbs and decomposes foul odors.

Anti-bacterial and anti-fungal

- Bamboo-charcoal retains the natural antibacterial and antifungal traits of natural bamboo. It inhibits bacterial metabolism, and causes fewer allergic skin reaction than other fibers sterilized with antimicrobial agents.




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Eco-Fabric Properties

Breathable and dry

- Bamboo-charcoal yarn has a cross-section filled with various micro-gaps and micro-holes, hence compared to other conventional fabric; it has better moisture absorption and ventilation. Eco-fabric products can absorb and disperse sweat fast, making them feel dry and comfortable.
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Thermal regulation

- Eco-fabric products not only feel dry during hot days, but they are also excellent insulators against the cold.
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Eco-Fabric Properties

Absorption and emission of Far Infrared Energy

- Bamboo-charcoal nano particles can absorb far infrared energy from the environment, and emit it to help cell activation, promotes blood circulation and general health.

Prevent static electricity buildup

- As bamboo-charcoal nano particles are conductive, their presence in the fiber helps Eco-fabric prevent charge buildup. A wearer of Eco-fabric products will not experience static shocks even in dry conditions.



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Eco-Fabric Properties

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- Using Eco-fabric is not made with harmful chemicals, and so causes few if any allergic reactions.

Wash Durable

- As the bamboo-charcoal nano particles are embedded in the fabric rather than simply coated on their surface, Eco-fabric is washable without diminished effectiveness of the charcoal powder's special qualities, even after 50 washes.




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Our Products

- Greenyarn has a series of products ranging from Eco-fabric cloth to finished products such as fine gauge 200 needle count socks, insoles and wrist bands.
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BLITZ


Blitz contains Coolmax, which is one of the best materials for wicking moisture. With the help of our partners and customers, Blitz was redesigned for athletes in mind to provide maximum cushion and support for activities such as running marathons, allowing the user to realize their potential. Using the best materials, Blitz is both moisture wicking and cushioning.



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Product No.	Colors	US Men's Size	US Women Size
G-SS-081-W22		4.5 - 8	4 - 6
G-SS-081-W24		8.5 - 10.5	5.5 - 8
G-SS-081-W26		11 - 13	8.5 - 11
G-SS-081-W28		11.5 - 13	11.5 - 13
G-SS-081-B22		4.5 - 8	4 - 6
G-SS-081-B24		8.5 - 10.5	5.5 - 8
G-SS-081-B26		11 - 13	8.5 - 11
G-SS-081-B28		11.5 - 13	11.5 - 13

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VITESSE

- Vitesse contains Coolmax, which is one of the best materials for wicking moisture.
- Vitesse was designed to provide maximum cushion for active individuals who are on their feet all day. It is the number one choice for travelers who clock a lot of miles on their feet, giving excellent cushion while wicking moisture away.



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Product No.	Colors	US Men's Size	US Women Size
G-SS-081-W22		4.5 - 8	4 - 6
G-SS-081-W24		8.5 - 10.5	5.5 - 8
G-SS-081-W26		11 - 13	8.5 - 11
G-SS-081-W28		11.5 - 13	
G-SS-081-B22		4.5 - 8	4 - 6
G-SS-081-B24		8.5 - 10.5	5.5 - 8
G-SS-081-B26		11 - 13	8.5 - 11
G-SS-081-B28		11.5 - 13	

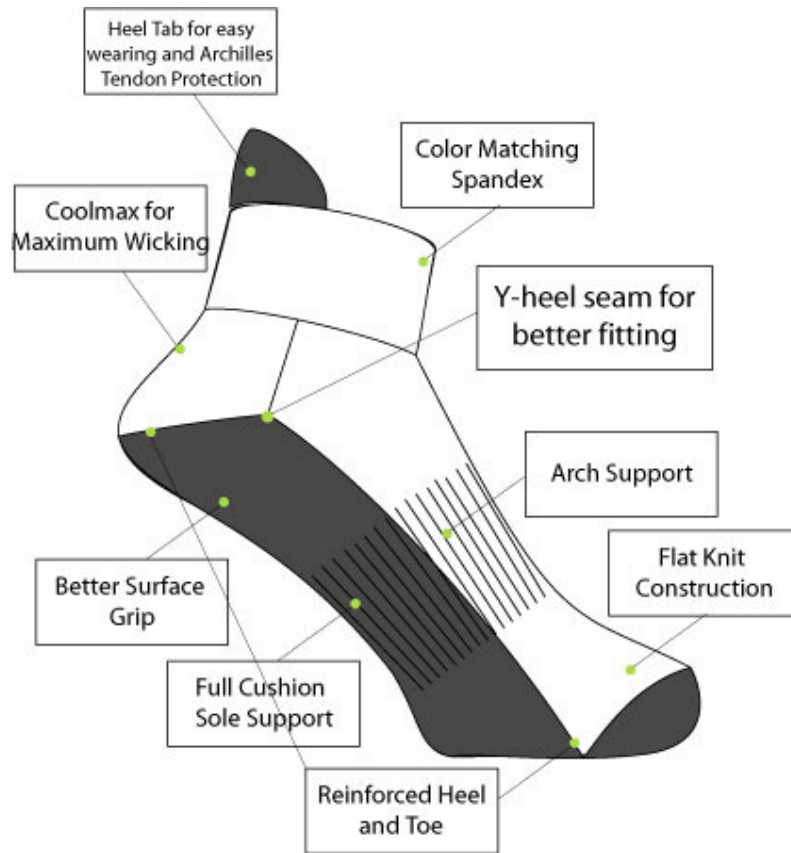
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SOLE-R

- Sole-R contains Coolmax and Eco-fabric, giving the user utmost comfort and maximum wicking.
- Cyclists helped design this sock and tested them to ensure proper protection for their Achilles tendons when competing.
- Sole-R with the heel tab, is convenient to wear. It also works well with shoes with a hard back as the heel tab
- gives protects the user.



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Product No.	Colors	US Men's Size	US Women Size
G-SS-081-W22		4.5 - 8	4 - 6
G-SS-081-W24		8.5 - 10.5	5.5 - 8
G-SS-081-W26		11 - 13	8.5 - 11
G-SS-081-W28			11.5 - 13
G-SS-081-B22		4.5 - 8	4 - 6
G-SS-081-B24		8.5 - 10.5	5.5 - 8
G-SS-081-B26		11 - 13	8.5 - 11
G-SS-081-B28			11.5 - 13

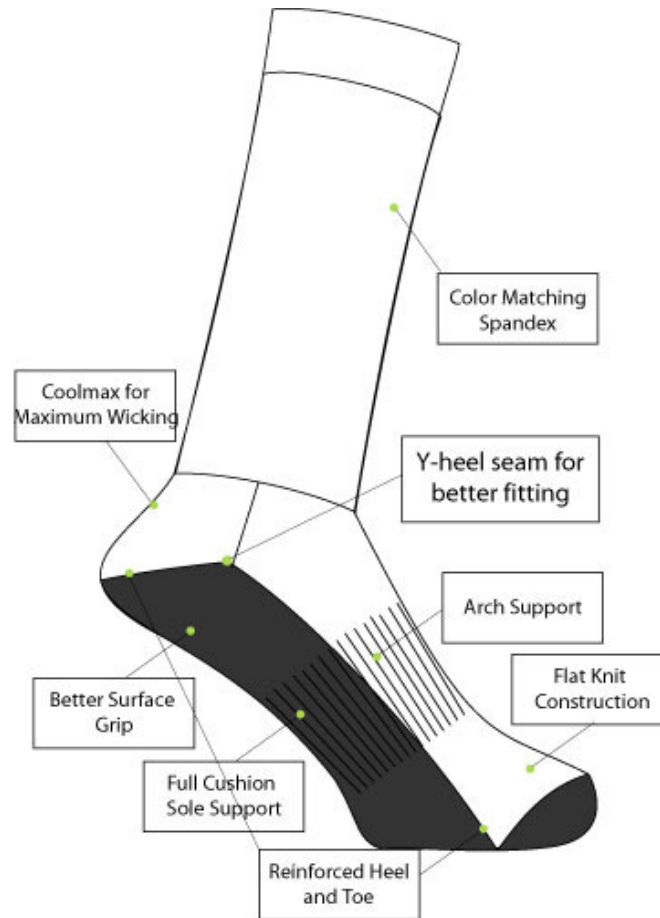
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MAYHEIM

- Mayheim contains Coolmax, which is one of the best materials for wicking moisture.
- Feedback from staff at jobs that required a lot of standing lead to a crew length sock, tapered to fit the calves better. It is now the preferred sock of many Boston police officers, who say that with Mayheim they do not get tired feet even after a double shift. Mayheim's also reduces odor in airtight boots.



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Product No.	Colors	US Men's Size	US Women Size
G-SS-081-W22		4.5 - 8	4 - 6
G-SS-081-W24		8.5 - 10.5	5.5 - 8
G-SS-081-W26		11 - 13	8.5 - 11
G-SS-081-W28			11.5 - 13
G-SS-081-B22		4.5 - 8	4 - 6
G-SS-081-B24		8.5 - 10.5	5.5 - 8
G-SS-081-B26		11 - 13	8.5 - 11
G-SS-081-B28			11.5 - 13


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TYRRANO

Tyrrano are knitted with our 200-needle count densely knit 3-D technology. The dense construction, Y-heel seam, and an arch-band ensures better fitting and greater comfort. **Tyrrano** was designed and tested with the help of by mountaineers and bore up well in rugged terrain. **Tyrrano** is most suitable for temperatures around -10°C to 20°C



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Containing the finest acrylic yarns at the heel and toe, they are abrasion resistant and quick dry, making these socks durable yet comfortable. Leveraging on nano-technology, Tyrrano are made with **Bio-weave** and **Eco-fabric** and these new materials help the wearer by:

- - Fights odors and kills bacteria
- - Absorbs and emits far-infrared energy
- - Permeable, fast drying and wicks moisture quick
- - Provides utmost cushion and reduces blister



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What is Bio-weave?

Bio-weave is a highly wicking and quick drying fabric that is embedded with nano-particles of bio-ceramic in its fibers.

What is Bio-Ceramic?

Bio-ceramic is a fabric embedded with 26 kinds of ceramic mixed with mineral oxides combined together at 1600 degrees centigrade. After cooling, the composite ceramic absorbs and emits far-infrared energy.



Product No.	Colors	US Men's Size	US Women Size
G-HIS-081-E22	■	4.5 - 8	4 - 6
G-HIS-081-E24		8.5 - 10.5	5.5 - 8
G-HIS-081-E26		11 - 13	8.5 - 11
G-HIS-081-E28			11.5 - 13

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Greenfeet 2

Most advanced insoles in the world

- At Greenyarn, our mission is to offer revolutionary and quality fabric for consumers seeking new, eco-friendly alternatives to conventional materials. Towards this we have partnered with Kun Huang Enterprises to bring you Green Feet: the most advanced insoles in the world.



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Space Age Materials

The perfect insole admits air, drains moisture, and fights microbes. Durable enough for athletes, yet comfortable enough for daily wear. To meet these needs, Greenyarn uses two of the latest and most advanced materials in the world – Eco-fabric® and Poliyou®.




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Poliyou® is an advanced open cell polymer. Created in a special foaming process, it is stronger, lighter, and highly breathable. It has the following benefits:

- Open cell structure: 95% ventilation effectiveness
- Moisture absorbing, quick drying
- Anti-fungal and anti-bacterial
- Eco-friendly: excess materials are reusable

Product No.	Colors	US Men's Size	US Women Size
G-GFI-051-E01S		4 - 7.5	5.5 - 9
G-GFI-051-E01M		7.5 - 10.5	9 - 12
G-GFI-051-E01L		10.5 - 14	12 - 15.5



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Health / fitness apparel




- Greenyarn's health / fitness products containing a high percentage of our trademark **Eco-fabric**.
- With the help of our customers and experts, we have enhanced these healthy apparel making them feel more comfortable.
- Many people who suffer from arthritis use our health products and claim that much pain is reduced due to improved circulation.
- Athletes prefer our wristbands because they are densely knitted wick moisture well, making them absorbant and odor resistant.



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Health / fitness apparel




Product No.	Colors	Size	Notes
G-HWB-081-E01			Eco-fabric Wristband
G-HKG-081-E01			Eco-fabric Knee Guard
G-HEG-081-E01			Eco-fabric Elbow Guard

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Yoga Socks

- Greenyarn also has Yoga socks. Using **200 needle** count stitching and containing **Eco-fabric**, these yoga socks fit comfortably and fight odor. The stitching design also helps to quickly disperse sweat.
 - These Yoga socks are used mostly by dancers and people who do aerobics, who prefer wearing socks with the open toe concept. Recently, wrestlers and martial artists have begun using these socks.
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Yoga Socks



Product No.	Colors	Size	Notes
G-HYS-081-E01			Eco-fabric Yoga Socks

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Eco-fabric Underwear

- Greenyarn apparels are comfortable and healthy. Eco-fabric underwear contains nano-particles of bamboo charcoal.
- These smart underwear are antibacterial, deodorizing, absorbs and emits far infrared energy, does not generate static electricity and washable. As the bamboo charcoal particles are embedded in the fiber and not coated, the benefits of the briefs will not diminish even after repeated washes. The benefits come from the bamboo charcoal particles and not from added chemicals.



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Eco-fabric Underwear



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Ladies Bikini Underwear
Waist Size 26" - 34"



Ladies Underwear (Rectangular)
Waist Size 26" - 34"



Mens Briefs
Waist Size 30" - 38"

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Eco-fabric Polo Shirt

Greenyarn has developed a tight weave mesh fabric, using 60% Eco-fabric yarn and 40% colored, **dry-fit** polyester yarn. A flat-locked construction, using this


- Super-light, soft and wicking fabric, this athletic short sleeve crew is both comfortable and quick-drying.
- Though soft and light, these shirts are durable and keeps the body cool on hot days, and is suitable indoors and out on the golf course.



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Eco-fabric Polo Shirt

- The fabric is light and breathable, keeping the wearer cool and dry even in rising humidity. The shirts are also antibacterial, deodorizing, absorbs and emits far infrared energy. They do not generate static electricity and are washable. These traits come from the bamboo charcoal particles are embedded in the fiber, rather than simply coated, and as such they will not wash out after repeated washes. No artificial chemicals are used.
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- There is strict quality assurance on these products and **no dyes** are added during manufacturing.
- Fabric is made with colored yarn, a process which is more sustainable than dyeing. Our products are regularly tested in labs for consistent quality.
- They come in 4 sizes, S, M, L and XL. And 2 colors, cream and red.


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Greenyarn Diabetic Socks

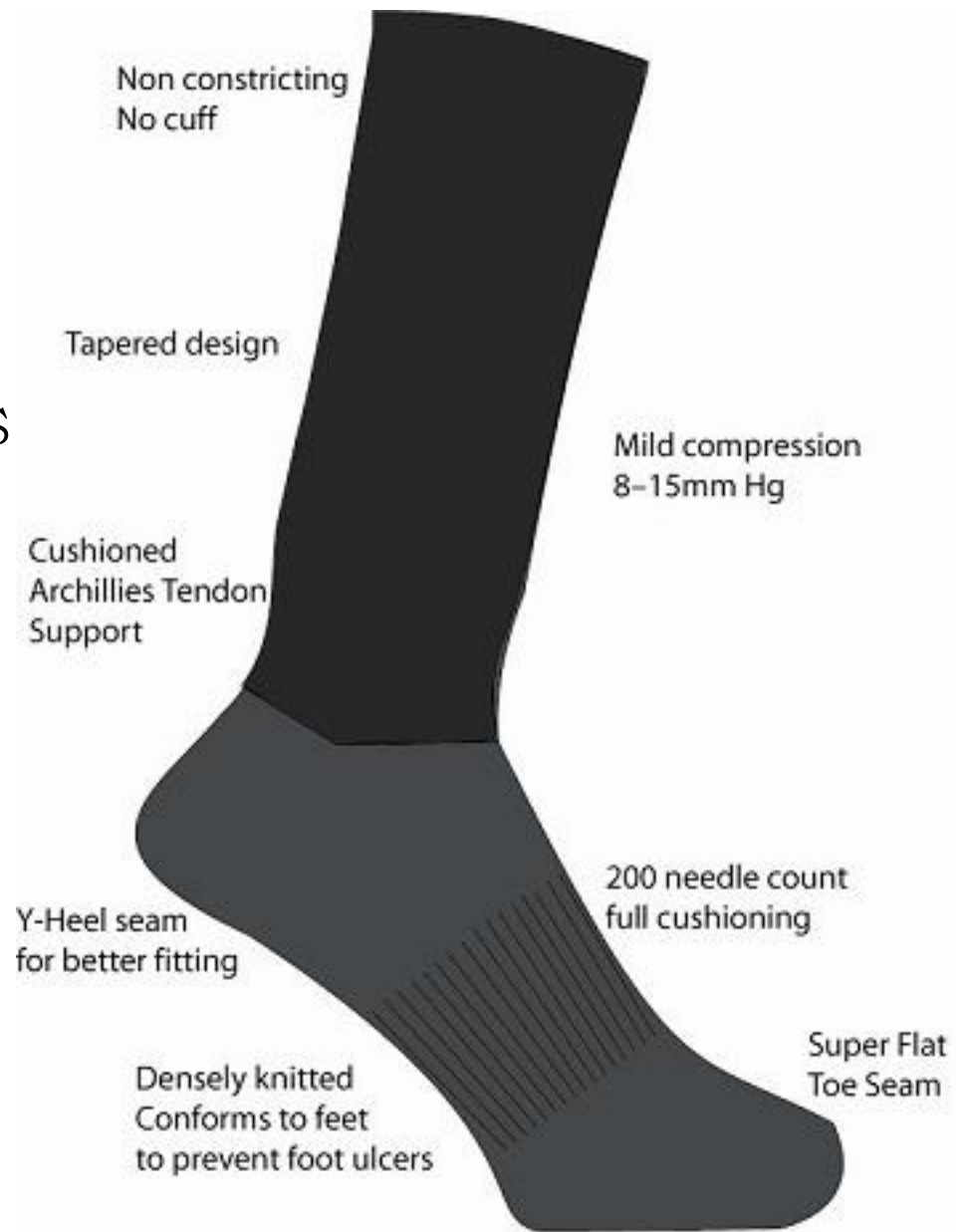

With the help of podiatrists and diabetic consultants, Greenyarn has developed the first fully cushioned socks with 200 needle count technology.

These socks have customized compression zones and are extremely comfortable.






Taking several years to develop, these diabetes socks currently have the most advanced features a diabetic expert would suggest, giving incredible comfort, support, and yet not constricting.




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Experts would agree that these socks are possibly the best diabetic socks you can get.

The extremely flat front toe seam cannot be felt and the 200 needle count full cushioned throughout the sock will greatly reduce any chance of getting blisters and foot ulcers.

Containing soft acrylic fibers and Eco-fabric, these socks keep the feet dry and healthy.



Product No.	Colors	US Men's Size	US Women Size
G-DS-101-B22		4.5 - 8	4 - 6
G-DS-101-B24		8.5 - 10.5	5.5 - 8
G-DS-101-B26		11 - 13	8.5 - 11
G-DS-101-B28			11.5 - 13



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Eco-fabric Care



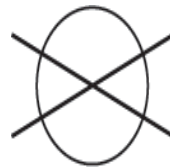
Cold machine wash in
mild detergent (30°C).



Do not bleach.



Do not wring dry.



Do not dry clean.



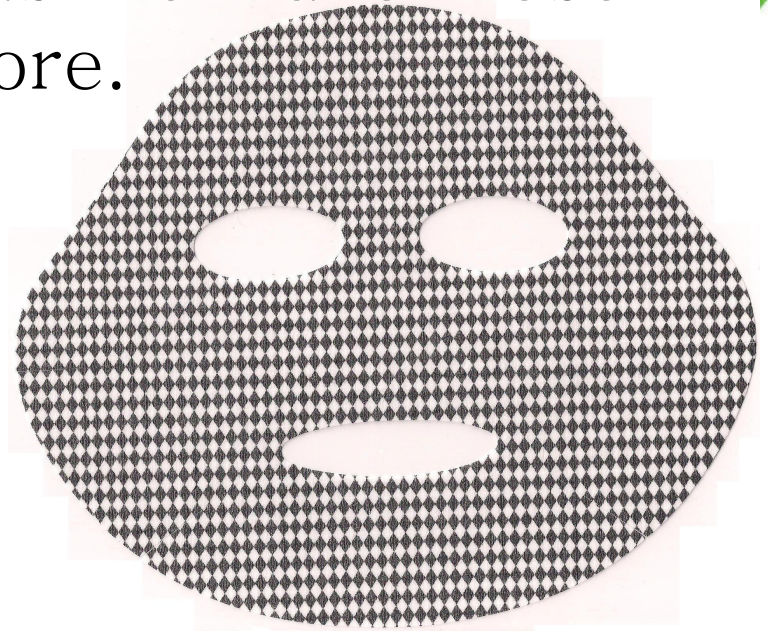
Do not use over
110 degrees to iron.

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Moist+ 2 Facial Masks

Moist+™ 2 is a new and improved Moist+™ facial mask, promising the same quality of nutrients, but with a softer and more unique soft cotton mask to make these new masks better than before.

Moist+™ 2 will contain no artificial smells and alcohol to irritate the skin.




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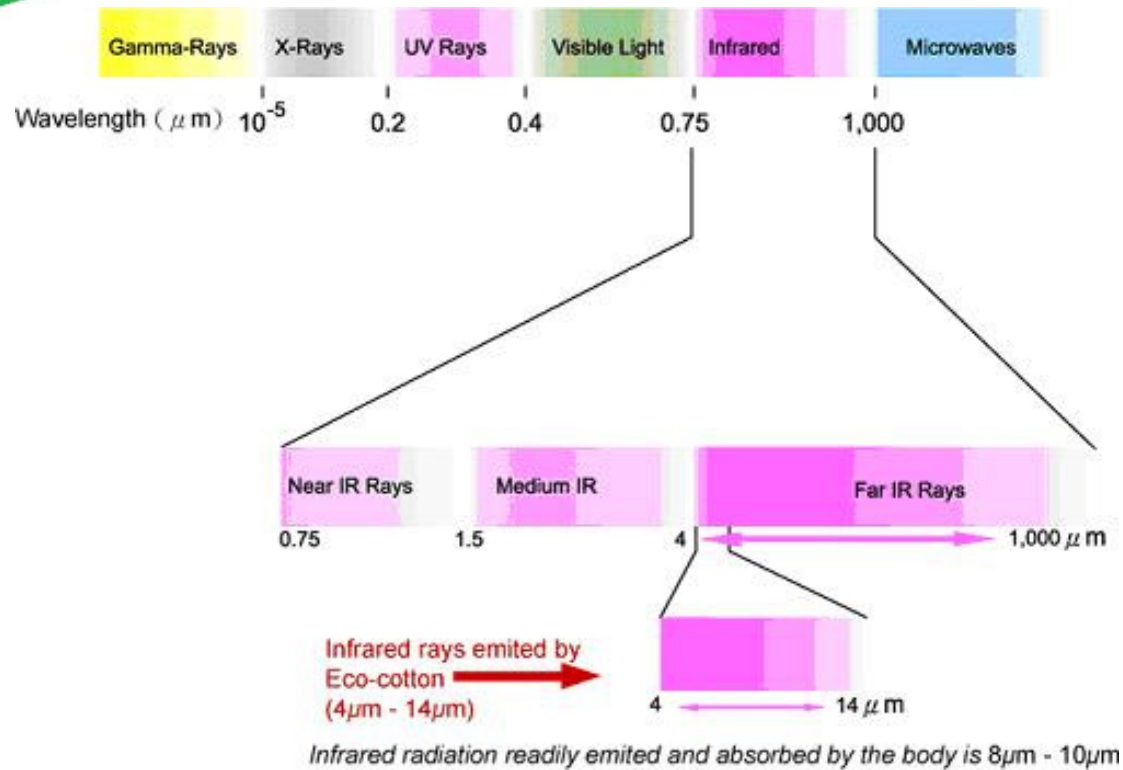
Moist+™ 2 is a relaxing at-home facial treatment for vibrant, soft and silky-smooth skin. The soft Eco-cotton facial mask will give you the moisturizing and relaxing benefits of a spa-quality facial in your own home. Each mask is pre-cut and pre-moistened with a relaxing mix of rose hip extract, marine collagen, Hyaluronic acid, Mulberry Bark Extract and Matricaria extract, to moisturize your skin and boost its radiance.



Moist+™ will moisturize and repair your skin and prevent wrinkle formation. It also protects against free radicals and whitens your skin in just 15 minutes.



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- Far infrared energy can improve blood circulation and help metabolism. Improved blood circulation enables the minerals to be absorbed into the skin faster, making Moist+™ 2 facial masks more effective than other facial masks.

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What is Far infrared energy?

Far-infrared energy penetrates beyond the skin level and is absorbed efficiently by cells below. Near-infrared is mostly absorbed at the skin level and raises the skin temperature. Far-infrared can penetrate up to 4 centimetres (about 1-1/2 inches), exciting the vibrational energy of molecules and resonating with cellular frequencies – as a result, FIR rays promote bioprocesses such as increased metabolism and blood circulation.



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ECO-COTTON FACIAL MASK

Contains nano-particles of bamboo charcoal within it's fibers to aid in the absorption of nutrients

Moist+™ 2

SOFT-CLOTH
MASK



Eco-cotton absorbs and emits far-infrared energy.

Far infrared energy can improve blood circulation and help metabolism. Improved blood circulation enables the minerals to be absorbed into the skin faster, making this mask more effective than other facial masks

Benefits:

- Better nutrients absorption.
- Boosts radiance and whitens.
- Moisturizes and reduces excess oil from skin.
- Repairs and protects skin damage from free radicals.
- Prevents wrinkle formation.



Contains Eco-cotton facial mask to help better nutrient absorption and blood circulation.

Directions:

Wash face thoroughly.
Open packet, take out pre-moistened mask and unfold.
Apply mask to face and press lightly with finger-tips to set in place.
Relax for 15 minutes and remove mask.
Discard mask after use.

Recommended usage:

Twice a week.
For all skin types.

SOFT-CLOTH
MASK

Moist+™ 2

Contains Eco-cotton facial mask to help better nutrient absorption and blood circulation.

Capacity is approximately 26g.
Store in a cool and dry place.

Moist+™ and other Greenyarn products are tested by volunteers, not on animals.

Ingredients:

Rose Hip Oil, Marine Collagen, Mulberry Bark Extract, Magnesium Ascorbyl Phosphate, Lemon Extract, Hyalurosan, Matricaria Extract, Carbopol, Methyl Paraben, Butylene Glycol, Dipotassium Glycyrrhizinate, White Tea, Distilled water.

Warnings:

For external use only. Do not eat. Keep out of reach from children.
Avoid contact with eyes. If product gets into eyes, rinse thoroughly with water.
If your skin becomes irritated during use, remove mask and rinse your face with cool water.



For more information, please visit www.greenyarn.com or our blog at <http://greenyarn.blogspot.com/>. Please be our Fan on Facebook: <http://www.facebook.com/Greenyarnllc>



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