

RAWCOPPER

With real copper threads

-100% chilean -

# BRING COPPER TO YOUR LIFE

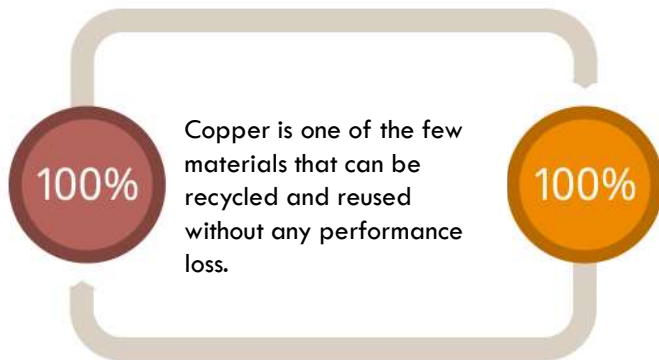
- It has an antiseptic and detoxifying that fights against infectious and viral states. Studies prove that contact eliminates % 99.9 of bacteria, fungi and viruses in a continuous and efficient way, without chemicals or side effects.
- Copper increases the generation of elastin and collagen. It prevents wrinkles and flaccidity and helps maintain a healthy skin (helps in the healing process).
- Accelerates the healing and repairing process of the skin.
- Copper is generally used to reduce arthritis and rheumatism associated pain.
- Eliminates odors caused by bacteria and fungi.
- It increases the vibration of the water in the organism facilitating the elimination of toxins.
- Stays always aseptic, self cleaned and killing all the bacteria, viruses and fungi.

# BENEFITS OF COPPER



## **The antibacterial power of copper**

The effectiveness of copper to inactivate the development of many types of microbes, has demonstrated the antibacterial power of this metal, only copper has passed the test as a metal that prevents the growth of bacilli. In February 2008, the Environmental Protection Agency of the United States, EPA, approved the registration of 270 copper alloys, recognizing their bactericidal properties on contact surfaces. Copper is the only metal certified by the Environmental Protection Agency of the United States (EPA) for its antimicrobial properties, and because it does not pollute the environment.





# FABRICS

All of our fabrics have at least 7% of copper threads that are visible and can be used in clothing, footwear, health.

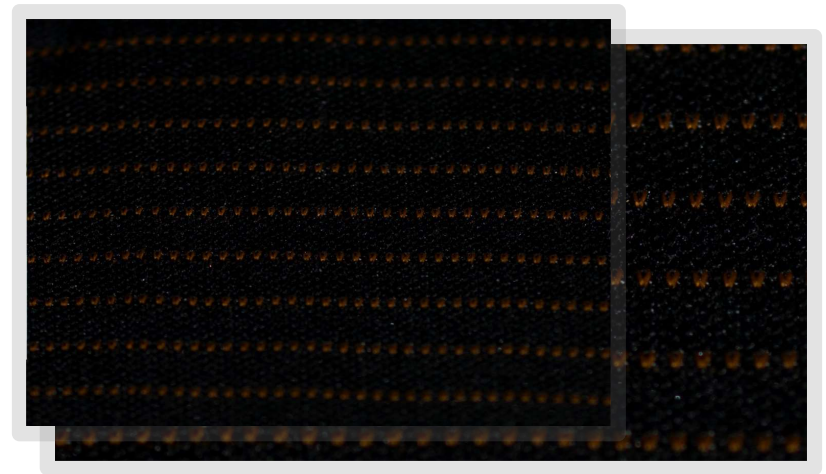
Our Fabrics can have the thickness, softness and color you need, but all of them are high quality, resistant and have a permanent action that is not lost by washing or using. In footwear has proved to be more durable and cheaper than leather (as lining), its resistance allows it to be use as wallpaper, floors and tapestry in high use spaces. Fabrics made with 100% cotton are soft, biodegradable, reusable and hypoallergenic.



## A healthier life with Copper

# POLYESTER FABRICS

- Base fabric: 100% polyester
- Minimum of 7% copper threads
- woven on two sides and intermediate space of air through the fabric to allow evaporation in case it gets wet. Keeps the fabric always dry and free of fungi or bacteria
- Width: 1.5 to 2.05 meters
- Weight square meter 240 gms approx (but it will depend on the thickness required)
- different colors can be combined for each side of the fabric



# POLYCOTTON FABRICS

- base fabric: 50% cotton 50% polyester
- Minimum of 7% copper threads
- woven on two sides and intermediate space of air through the fabric to allow evaporation in case it gets wet, keeps the fabric always dry and free of fungi or bacteria
- Width: 1.5 to 2.05 meters
- Weight square meter 240 gms approx (but it will depend on the thickness required)



# COTTON FABRICS

- base fabric: 100% cotton
- Minimum of 7% copper threads
- Fabric woven on two sides and intermediate space of air through the fabric to allow evaporation in case it gets wet.
- Width: 1.6 to 2.05 meters
- Weight square meter 250 grs aprox ((but it will deppend on the thickness required)
- you can combine different colors for each side of the fabric.
- 100% natural, does not have any chemicals, or additional materials
- Biodegradable, reusable and hypo allergenic.





# WE ALSO MAKE SOME PRODUCTS SO THE WHOLE FAMILY IS HEALTHY

- Anti-germ shoe insoles
- Anti-wrinkle sleeping masks
- headbands
- children underwear
- mattress cover for elderly and bedridden patients





# CERTIFICATIONS

## International Certification:



Iniciativa da CNI - Confederação Nacional da Indústria

Rua Gregório de Mattos, 111, Centro - Estância Velha/RS  
(51) 3561.1500  
ist.couro.meloambiente@senairs.org.br  
www.senairs.org.br

## National Certification:

UNIVERSIDAD DE SANTIAGO DE CHILE  
Facultad de Ingeniería-Dpto. Ingeniería Química /Ingeniería textil  
Av. Bernardo O'Higgins 3363, Estación Central - Santiago-Chile  
Fonos (56-2) 27181817- 27181837 cel. 06-2464742  
Email: [maria.neira@usach.cl](mailto:maria.neira@usach.cl) [licitex@usach.cl](mailto:licitex@usach.cl)



### 7 - CONCLUSÃO:

A amostra identificada como "TECIDO DE ALGODÃO COM FILAMENTOS DE COBRE" mostrou-se resistente ao ataque fúngico, com o fungo *Aspergillus niger*, por não permitir crescimento de hifas fúngicas na superfície dos corpos-de-prova analisados, durante o período de incubação.

Estância Velha, 29 de setembro de 2015.

Gerente Técnico do Laboratório  
Biol. Débora Maria Bernardes  
CRBio 28.177-03

Técnico Analista  
Clarice Kusminski  
CRQ 05406231

### 7 - CONCLUSÃO:

A amostra identificada como "TECIDO DE ALGODÃO COM FILAMENTOS DE COBRE" não permitiu crescimento bacteriano no meio de cultura sob os corpos-de-prova analisados e em torno destes, quando submetida ao ensaio de Determinação da Atividade Anti Bacteriana.

Estância Velha, 29 de setembro de 2015.

Débora Maria Bernardes  
CRBio 28.177-03  
Bióloga do Lab. Microbiologia

Clarice Kusminski  
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Técnica do Lab. Microbiologia

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RESULTADOS			
ENSAYO	EVALUACIÓN ACTIVIDAD ANTIBACTERIAL		METODO DE ENSAYO
	TIPO DE BACTERIA		
CODIGO DE MUESTRA	Escherichia Coli	Staphylococcus epidermis	AATCC Metodo 147
Tejido de color negro	Con Actividad antibacterial	Con Actividad antibacterial	

## CONTACT



### **RawCopper**

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Healthier life