*** Presentation of new fabric, FILAGEN & GRAPHENE ***

Hoping to inspire a new story in your valuable collection...

The Graphene and Collagen are a new material in sustainable, healthy as well as excellent function but still on the way of development for textile industry.

We'd like to give you a few sentences as below and your more beautiful copy wright would be appreciated.

1. Collagen fabric- FILAGEN - globally registered brand.

The "Filagen" is a fiber-contained marine collagen, which has various functions such as skin-moisturizing, UV protect, breathability, deodorization and anti-bacterial effects.

It is regenerated from the nature component of marine collagen and is an eco-friendly sustainable material.

In the new normal era post-COVID pandemic, the awareness of environmental pollution around the world has been rising up.

Pepole are much more aware of well-being such as skin aging prevention and antibacterial material has been increasing along with the change.

Meantime, it is an absolute sustainable material-

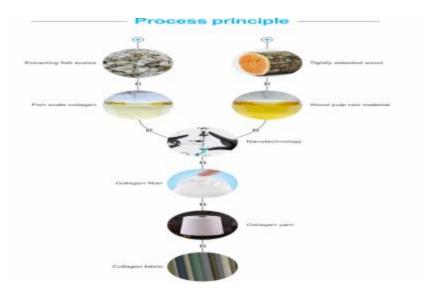
A lot of fishes (scale, skin) are thrown away for food what have the richest and most useful collagen.

In usual, such a wastage is decayable and may affect an environmental pollution. we developed the technical process how to extract a collagen from the fish scale/skin and compounds with a viscose yarn.

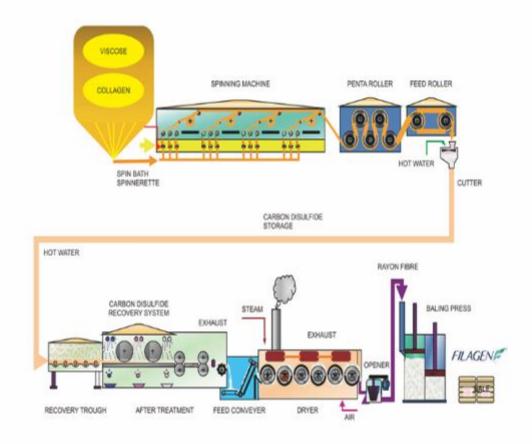
The more filagen used, the more we collect the wastage-oriented fish skin and contribute to the eco-friendly planet.

The fish collagen is not to kill a nature/fish but to rescue the environment.

Pls refer the production flow and effect of Filagen as below,



Production flow chart -















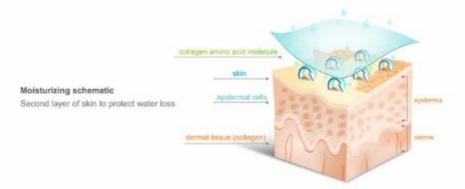




Powerful skin moisturizing effect

Up to 13 times more moisturizing effect than cotton fabric

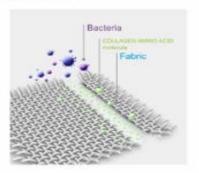
Marine bio-collagen fiber retains skin moisture form a natural protective film to effectively lock the skin moisture and keep the human skin moist.



NATURAL DEODORIZING AND ANTIBACTERIAL EFFECT

It has a natural deodorizing function, which can suppress the odor caused by sweating in the underarms, back and intimate places, and the function is maintained even after washing.

The nano-technology incorporates collagen amino acid molecules into the fiber yarn, giving the fabric a natural antibacterial function, especially for the private parts.

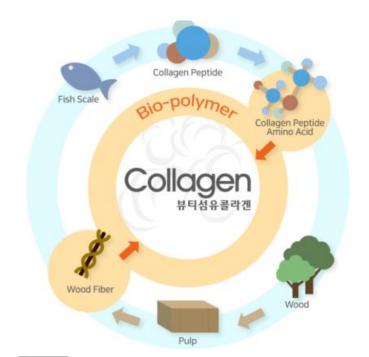


CoreTechnology

The core technology of antibacterial deodorization is to incorporate the antibacterial deodorizing peptide amino acid molecules (abbreviated as antibacterial peptides) in collagen into the fibers and form a stable physical structure.

Antibacterialdeodorizationprinciple

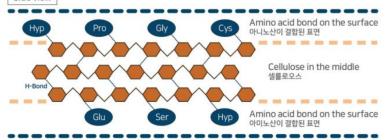
The antibacterial principle is that the antibacterial peptide molecules of the helical structure usually exhibit a positive charge, and the phospholipid molecules of the bacterial cell membrane usually exhibit a negative charge. When the bacteria and the antibacterial peptide are in surface contact due to electrostatic attraction, the surface of the bacterial cell membrane is short-circuited and ireversible. Damage, resulting in cytoplasm leakage, eventually leading to bacterial death.



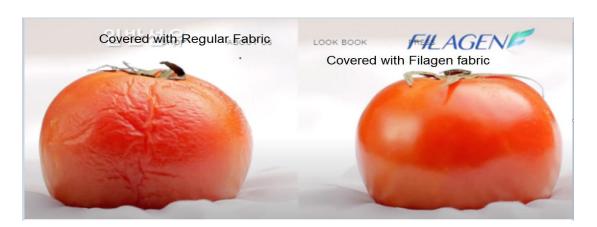
ENJOY THE 50+(A) uv SUMMER SUNSHINE

The physical properties of collagen can separate UV-A and UV-B ultraviolet rays, and the fabric made can achieve the effect of UPF50+, effectively protecting the skin from the other protecting the skin from the other protections.

Side view



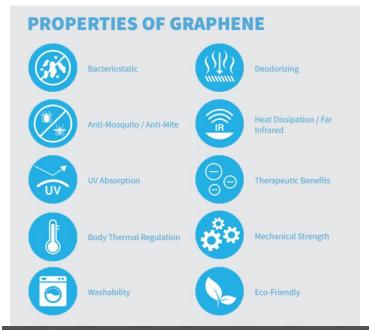
" Collagen® Viscose는





2. Graphene fabrics-

As graphene fibers will have an antibacterial, antifungal, and antiviral function, and the far infrared ray emission and antistatic function are semi-permanent without any special processing, it could have an infinite range of applicability. In the antibacterial test, the death rate of Staphylococcus aureus and pneumococcus was 99.9 % before and after washing demonstrating how graphene fiber is highly antibacterial. In the anti-viral test, Influenza A virus was reduced by 99.85 %, and the material's UV blocking rate and far infrared emissivity were also excellent above the standard.



Inherent Properties:

Odor neutralizing, thermal regulation, mite repellency, washable & eco-friendly

It is no doubt that the filagen and graphene are the new sustainable materials and have a lot of useful function in fabrics.

It is an introducing stage in fashion and would like to go further in this business together with you.



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