



Bio-cellulose

masks & patches

Second skin effect
www.tech-nature.com



BIO-CELLULOSE, PRESENTATION

BIO-CELLULOSE WHAT IS IT ?

Its technology was initially developed to treat severe burns in hospitals because it has unique healing and skin regeneration properties. As thin as a membrane, this material, whose fibres are a thousand times thinner than the diameter of a hair, offers exceptional absorbency and bioavailability. This new galenic constitutes a care in itself, apart from the active ingredients that are incorporated.

Cellulose is the main component of plant cell wall. Some bacteria produce cellulose (called biocellulose or bacterial cellulose). Plant cellulose and bacterial cellulose have the same chemical structure, but different physical and chemical properties. Straight from biotechnology, bio-cellulose is obtained by the natural enzymatic fermentation of coconut water.

More effective than fabric masks, they offer many benefits, such as tolerance, occlusion, biocompatibility, stretchability, perfectly deserving their nickname "second skin".

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A HIGH- ADDED VALUE SUPPORT

(1) Maria Bruckner, Christoph Schwarz, Ferdinand Otto, Jürgen Heillinger, Thomas Wild, Département de chirurgie générale, Université de Vienne, Autriche,
« Evaluation d'un pansement de cellulose et de polyhexaméthylène biguanide pour le traitement des plaies infectées »

(2) GREEN MOUNTAIN CO., LTD

Because of their distinct physical properties, bio cellulose masks offer multiple advantages:

Excellent absorbency

Bio-cellulose masks have a very good absorbency due to their nanostructure which gives it a high absorption capacity ⁽¹⁾. The biocellulose fibers are able to keep a large amount of liquid, of up to 100 times their dry weight, about 10 times more than nonwoven classic masks

Perfect adhesion to the skin

The organic cellulose fibers measure 20 nm in diameter, up to 33 times less than nonwoven masks! This fine texture allows to create a film which clings to the skin without stickiness. Their finesse is such that the fiber diameter is less than certain lines or wrinkles on the skin: the active-scattering is optimal for more than 20 minutes as opposed to nonwoven masks that tend to peel-off after. ⁽²⁾

High quality support

Bio-cellulose masks are incredibly flexible, tear-texture, high malleable due to the nanostructure of bio-cellulose, if need be, they can be removed and repositioned without modifying the support.

More than a cosmetic support

The bio-cellulose, by its incredibly soft touch gives a natural fresh and an unique comfort to the skin.

Eco-friendly

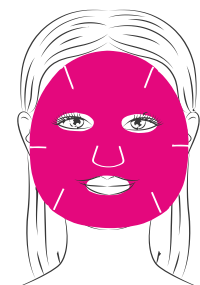
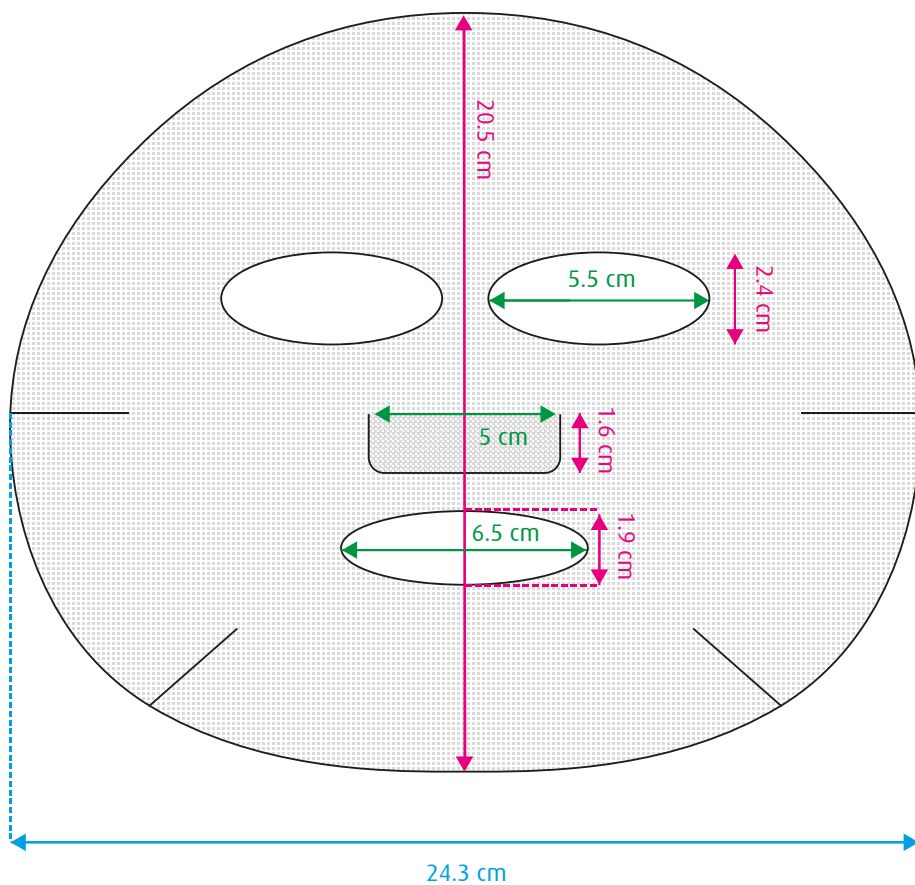
The bio-cellulose masks are eco friendly. They contain no petrochemical materials that are common in the production of non-woven masks. In addition, when cellulose is produced through bio methods, less trees and plants need to be cultivated for commerce, therefore making them available for CO2 absorption.

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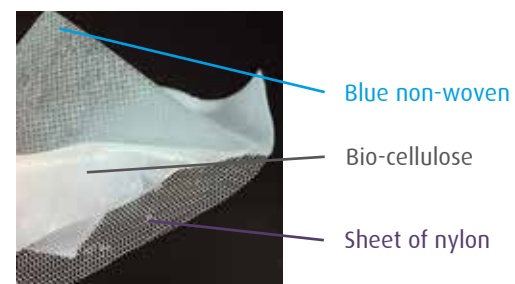
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AVAILABLE FORMATS



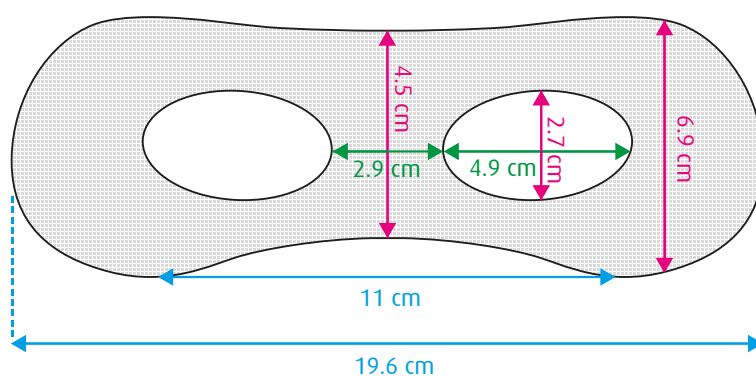
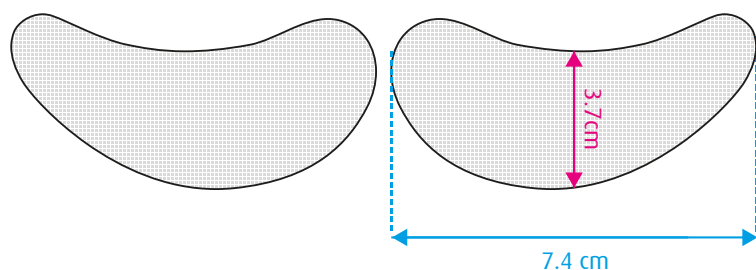
All bio-cellulose sheet is placed between a sheet of nylon and a blue non-woven :



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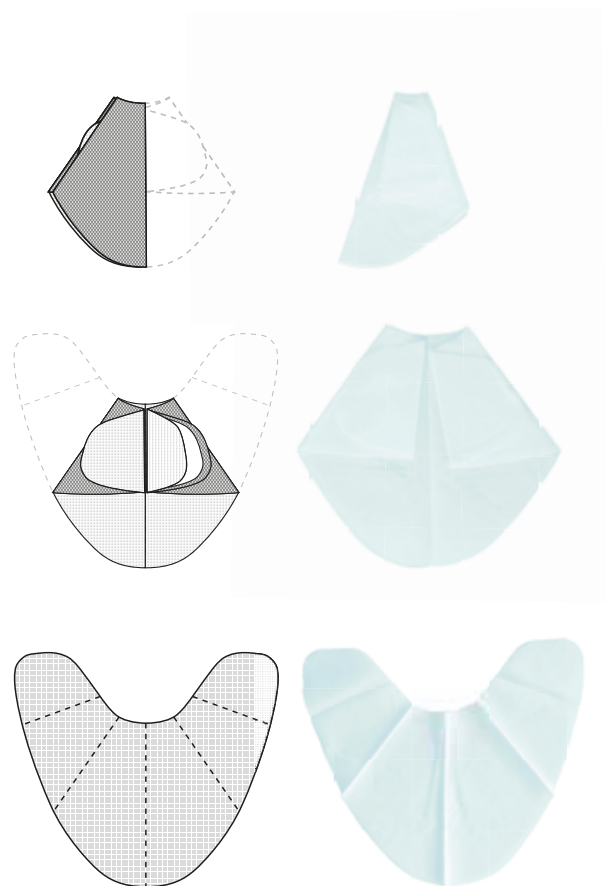
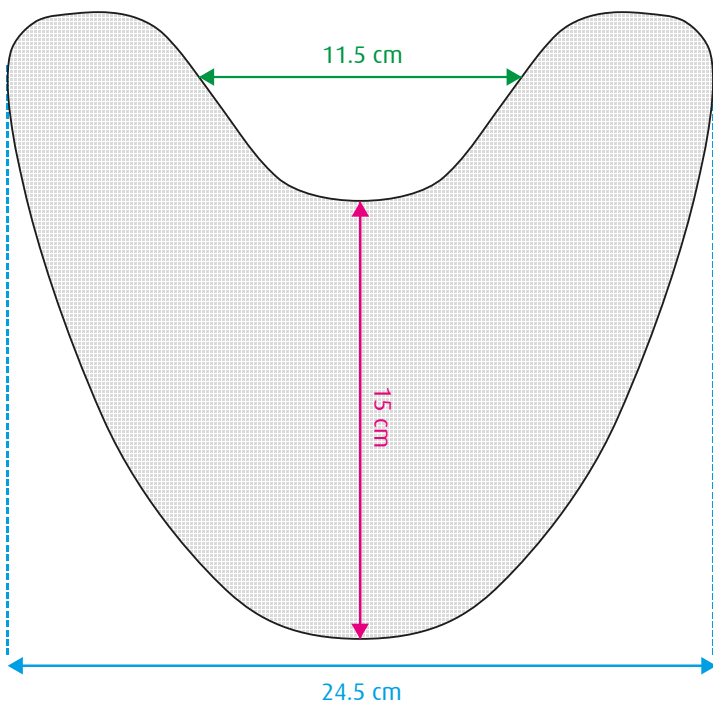
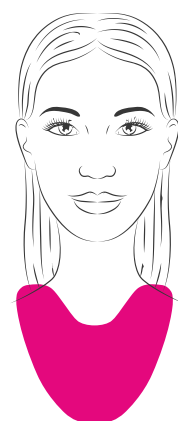
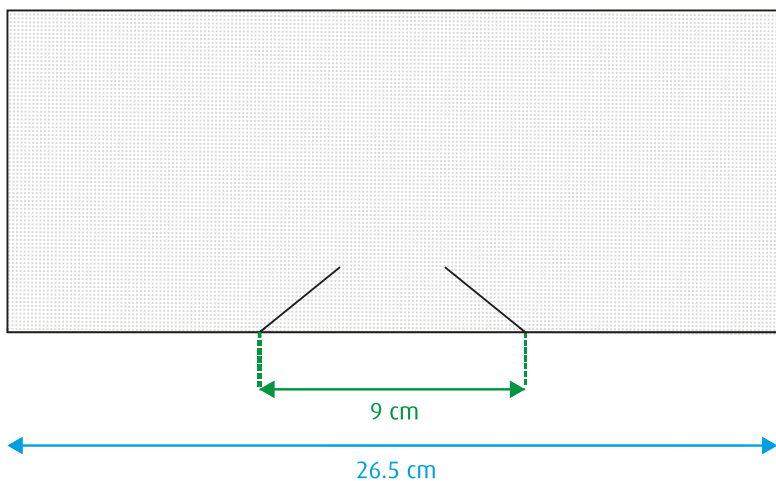
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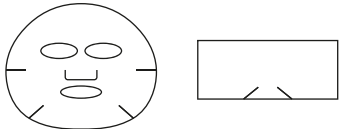

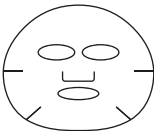
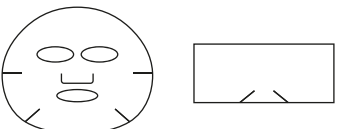


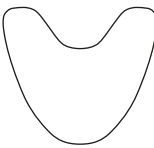
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AVAILABLE SERUMS

REFERENCE	INGREDIENTS	FORMATS
1S0031E	Marine collagen, Fucogel®, Sodium hyaluronate.	
1S0032B	Actiflow, Fucogel®, Hamamelis extract.	
1S0034B	Delentigo, Fucogel®, Lemon extract.	
1S0035B	Blueberry extract, Fucogel®, PhytoCellTec.	
1S0036B	Oxygeskin, Fucogel®, Green tea extract, Purisoft®.	
1S0132A	Brown algae extract, Aloe vera, Sodium hyaluronate.	
2S0013A	Bio-bustyl, Fucogel®, Horsetail extract.	

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MOISTURIZING BIO-CELLULOSE MASK

REF: 1S0031E

THE + PRODUCT

The superfine fiber structure of the bio-cellulose mask, obtained by natural fermentation of coconut water, provides a second skin effect that perfectly fits the face shape. In application, the mask forms a membrane that gently leaves the serum on the skin. The moisturizing effect of hyaluronic acid and collagen provides to the skin a revitalizing moment. The skin regains a fresh complexion full of sweetness.

PROPERTIES OF THE INGREDIENTS

Marine collagen

One of the major component of the skin, collagen is responsible of its elasticity and resistance. Marine collagen, with the same structure of the skin has important moisturizing properties.

Fucogel®

Fucogel® is a moisturizing active ingredient. It forms a film on the skin surface to maintain its hydration (In vivo test). In addition to stimulating and toning the skin, Fucogel® provides comfort and softness to cosmetic formulas.

Sodium hyaluronate

Sodium hyaluronate in the presence of water is transformed into hyaluronic acid directly into the formula. Hyaluronic acid is naturally present in the skin and acts as a real sponge to attract and retain a significant amount of water. It plays an essential role in the integrity of the cutaneous structure and in the regulation of the hydration of the skin. The sodium hyaluronate used in this formula is of high molecular weight (1800 to 2200 kDa). Applied to the superficial layers of the skin, it forms a non-occlusive moisturizing film that gives the skin a soft, velvety appearance.

RITUAL OF BEAUTY

Open the peelable aluminium sachet. Bio-cellulose sheet is placed between a sheet of nylon and a blue non-woven. Remove successively those protective coverings and take bio-cellulose face sheet between thumb and forefinger. Apply the mask from the upper face then adjust it around eyes and mouth areas.

After 20 minutes, remove the mask and gently massage any excess of serum into the skin.

Precaution for use: in case of eye contact, rinse with water.

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BIO-CELLULOSE EYE PATCHES

REF: IS0032B

THE + PRODUCT

The superfine fiber structure of the bio-cellulose mask, obtained by natural fermentation of coconut water, provides a second skin effect that perfectly fits the eye contour. In application, the patches form a membrane that gently leaves the serum on the skin. The "healthy-glow effect" of these patches reduces the tiredness of eye area. The look is relaxed in a pleasant sensation of freshness and comfort.

PROPERTIES OF THE INGREDIENTS

Actiflow

Active ingredient rich in polysaccharides from yeast, it masks dark circles and helps to even the complexion (In vivo tests).

Fucogel®

Fucogel® is a moisturizing active ingredient. It forms a film on the skin surface to maintain its hydration (In vivo test). In addition to stimulating and toning the skin, Fucogel® provides comfort and softness to cosmetic formulas.

Hamamelis extract

A shrub native to North America, witch hazel is also known as hazel witches. This plant, rich in flavonoids and tannins, is known for its astringent, purifying and soothing properties.

RITUAL OF BEAUTY

Open the peelable aluminium sachet. Bio-cellulose sheet is placed between a sheet of nylon and a blue non-woven.

Remove successively those protective coverings and take bio-cellulose eyes patches between thumb and forefinger. Press gently to make it adhere perfectly to the skin and do the same with the second patch. Leave for 10 to 15 minutes then remove the patches. Gently massage the excess of serum.

Precaution for use: in case of eye contact, rinse with water.

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LIGHTENING BIO-CELLULOSE MASK

REF: ISO034B

THE + PRODUCT

The superfine fiber structure of the bio-cellulose mask, obtained by natural fermentation of coconut water, provides a second skin effect that perfectly fits the face shape. In application, the mask forms a membrane that gently leaves the serum on the skin. This serum with "healthy-glow effect" active ingredients restores radiance to the complexion. A booster of freshness that awakens the skin.

PROPERTIES OF THE INGREDIENTS

Delentigo™

Delentigo™ is an active ingredient that combines a watercress extract rich in Sulforaphane with genistein and soy isoflavone to reduce ageing spots. These ageing spots are characterized by an increase in the production of melanin produced (increased numbers of melanocytes) and an excessive production of a secondary pigment: lipofuscin. Delentigo™ prevents the formation of these two pigments by regulating the accumulation of lipofuscin in the skin and by activating the proteasome, a cleansing system specific to the cell (in vitro tests).

Fucogel®

Fucogel® is a moisturizing active ingredient. It forms a film on the skin surface to maintain its hydration (In vivo test). In addition to stimulating and toning the skin, Fucogel® provides comfort and softness to cosmetic formulas.

Lemon extract

Genuine concentrate of vitamin C and α -hydroxylé acid (AHA), lemon is known for its stimulating, lightening and toning properties.

RITUAL OF BEAUTY

Open the peelable aluminium sachet. Bio-cellulose sheet is placed between a sheet of nylon and a blue non-woven. Remove successively those protective coverings and take bio-cellulose face sheet between thumb and forefinger. Apply the mask from the upper face then adjust it around eyes and mouth areas.

After 20 minutes, remove the mask and gently massage any excess of serum into the skin.

Precaution for use: in case of eye contact, rinse with water.

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ANTI-AGEING BIO-CELLULOSE MASK

REF: 1S0035B

THE + PRODUCT

The superfine fiber structure of the bio-cellulose mask, obtained by natural fermentation of coconut water, provides a second skin effect that perfectly fits the face shape. In application, the mask forms a membrane that gently leaves the serum on the skin. Formulated from anti-time active ingredients, they reduce the early signs of time and preserve the skin youth. Anti-ageing revolution, the skin stays fresh and toned.

PROPERTIES OF THE INGREDIENTS

Blueberry extract

This small blue berry with sweet notes is rich in vitamin C and flavonoids. These two antioxidants known to all helps the skin to neutralize free radicals and reduce the early signs of time.

Fucogel®

Fucogel® is a moisturizing active ingredient. It forms a film on the skin surface to maintain its hydration (In vivo test). In addition to stimulating and toning the skin, Fucogel® provides comfort and softness to cosmetic formulas.

PhytoCellTec™

PhytoCellTec Malus Domestica is a liposomal preparation of apple stem cells from the rare Swiss species Uttwiler Spätlauber. This active ingredient reactivates the functions of the original stem cells (in vitro tests).

RITUAL OF BEAUTY

Open the peelable aluminium sachet. Bio-cellulose sheet is placed between a sheet of nylon and a blue non-woven.

Remove successively those protective coverings and take bio-cellulose face sheet between thumb and forefinger. Apply the mask from the upper face then adjust it around eyes and mouth areas.

After 20 minutes, remove the mask and gently massage any excess of serum into the skin.

Precaution for use: in case of eye contact, rinse with water.

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PURIFYING & OXYGENATING BIO-CELLULOSE MASK

REF: IS0036B

THE + PRODUCT

The superfine fiber structure of the bio-cellulose mask, obtained by natural fermentation of coconut water, provides a second skin effect that perfectly fits the face shape. In application, the mask forms a membrane that gently leaves the serum on the skin. This refreshing serum provides its detox benefits and gently removes impurities on the skin. The skin regains its radiance and freshness.

PROPERTIES OF THE INGREDIENTS

Oxygeskin®

By promoting the oxygenation of skin cells, this active ingredient improves the radiance and the condition of skin surface (in vivo tests). The skin regains all its beauty.

Fucogel®

Fucogel® is a moisturizing active ingredient. It forms a film on the skin surface to maintain its hydration (In vivo test). In addition to stimulating and toning the skin, Fucogel® provides comfort and softness to cosmetic formulas.

Green tea extract

Used for millennia in Asia, green tea is rich in vitamins, minerals, trace elements and tannins. These different substances provide antioxidant and purifying virtues enabling a detox action.

Purisoft®

Purisoft® is a peptide extracted from the seeds of Moringa oleifera, a tree native to India. This active ingredient is known to complete the cleansing of the skin by removing micro-particles from pollution while protecting it against external aggressions.

RITUAL OF BEAUTY

Open the peelable aluminium sachet. Bio-cellulose sheet is placed between a sheet of nylon and a blue non-woven.

Remove successively those protective coverings and take bio-cellulose face sheet between thumb and forefinger. Apply the mask from the upper face then adjust it around eyes and mouth areas.

After 20 minutes, remove the mask and gently massage any excess of serum into the skin.

Precaution for use: in case of eye contact, rinse with water.

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HYDRA PERFECT BIO-CELLULOSE MASK

REF: IS0132A

THE + PRODUCT

The superfine fiber structure of the bio-cellulose mask, obtained by natural fermentation of coconut water, provides a second skin effect that perfectly fits the face shape. Hydra perfect bio-cellulose mask provides a real boost of freshness to the skin. In application, the mask forms a membrane that gently leaves the serum on the skin. Brown algae, aloe vera and sodium hyaluronate combine to restore vitality to the skin.

PROPERTIES OF THE INGREDIENTS

Brown algae extract

This active ingredient extracted from the *Laminaria digitata* brown algae, is concentrated in osmolyte: small organic molecules present in the natural state in the seaweed. This high concentration of osmolytes enables to moisturize, prevent dehydration and protect the skin from external aggressions. (In vitro tests).

Aloe vera

From the family of liliaceae, aloe vera is a plant rich in polysaccharides, vitamins, trace elements and amino acids. Used as a powder, this one is obtained by pressure of the aloe vera sheet and then by cold freeze-drying, a process which preserves all the properties of aloe vera. Known for its softening and nourishing properties, Aloe vera is an ideal care for delicate skin.

Sodium hyaluronate

Sodium hyaluronate is the sodium salt of hyaluronic acid. It is one of the most important component of the skin. Thanks to its high water retention capacity, it plays an essential role in the integrity of the cutaneous structure and in the regulation of the hydration of the skin. The sodium hyaluronate used in this formula is of average molecular weight (1000 to 1800 kDa). It provides a long lasting hydration.

RITUAL OF BEAUTY

Open the peelable aluminium sachet. Bio-cellulose sheet is placed between a sheet of nylon and a blue non-woven.

Remove successively those protective coverings and take bio-cellulose face sheet between thumb and forefinger. Apply the mask from the upper face then adjust it around eyes and mouth areas.

After 20 minutes, remove the mask and gently massage any excess of serum into the skin.

Precaution for use: in case of eye contact, rinse with water.

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NECKLINE BIO-CELLULOSE MASK

REF: 2S0013A

THE + PRODUCT

The superfine fiber structure of the bio-cellulose mask, obtained by natural fermentation of coconut water, provides a second skin effect that perfectly fits the neckline. In application, this mask forms a membrane that gently leaves the serum on the skin. True ally to reduce the first signs of time, it restores all its beauty to the neckline.

PROPERTIES OF THE INGREDIENTS

Bio-bustyl™

This complex of active ingredient, from the combination of a bacterial filter, is rich in growth factor and two bio-peptides: a fragment of collagen and a fragment of elastin. The synergy of these 3 active ingredients stimulates cellular metabolism (in vitro tests), increases collagen synthesis and improves the elastin activity (in vivo test). A firming and toning concentrate for the bust.

Fucogel®

Fucogel® is a moisturizing active ingredient. It forms a film on the skin surface to maintain its hydration (In vivo test). In addition to stimulating and toning the skin, Fucogel® provides comfort and softness to cosmetic formulas.

Horsetail extract

Real concentrate of plant silicon, horsetail is an ideal active ingredient for anti-ageing care. It provides tonus and firmness to the skin.

RITUAL OF BEAUTY

Open the peelable aluminium sachet. Bio-cellulose sheet is placed between a sheet of nylon and a blue non-woven.

Remove successively those protective coverings and take bio-cellulose face sheet between thumb and forefinger. Apply the mask on the neckline and leave for about 20 minutes. Remove the mask and gently massage any excess of serum into the skin.

Precaution for use: in case of eye contact, rinse with water.

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TECHNATURE in a few words...

Cosmetic private label in full service.

Since 1996, Technature is a cosmetic private label manufacturer specialized in turnkey services for beauty brands, professional and retail products. As a cosmetic private label manufacturer, our expertise covers formulation, manufacturing and packaging of cosmetic products under customers' brands compliant with marketing regulations around the world.

Expert in masks for more than 20 years, our sales, marketing, R&D, production, packing and packaging, logistics, regulatory, quality and administrative teams are committed to regular contact with our clients to ensure that we serve your interests as effectively as possible at every stage.



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