

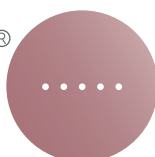
NUREL
SYNTHETIC FIBERS



**COSMETIC
FUNCTIONAL
NYLON
FIBERS**



novarel[®]



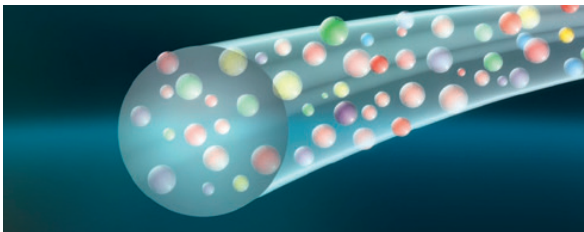
NOVAREL® TECHNOLOGY PATENTED

A PIONEERING BREAKTHROUGH IN NYLON TEXTILE TECHNOLOGY

NOVAREL Nylon fibers contain embedded **cosmetic microcapsules** that help to maintain and enhance skin beauty.

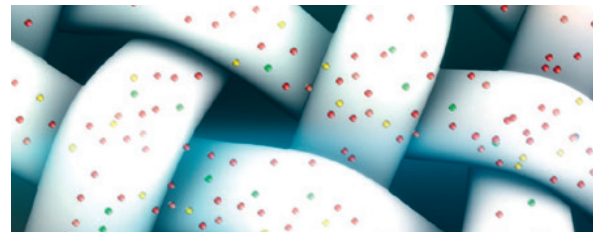
HOW DOES IT WORK?

Utilizing nanotechnology, our **patented microcapsules** have been intricately engineered to preserve and encapsulate various active ingredients that support the maintenance and **enhancement of skin beauty**.



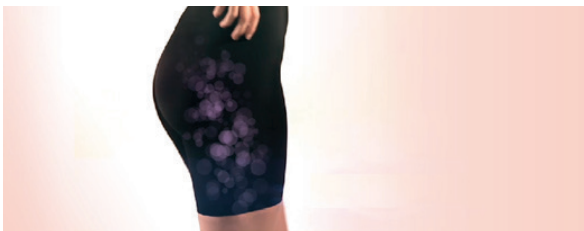
NOVAREL Nylon microfiber

First, NUREL **selects cosmetics** that are best suited for each function. Subsequently, these chosen cosmetics undergo **microencapsulation**.



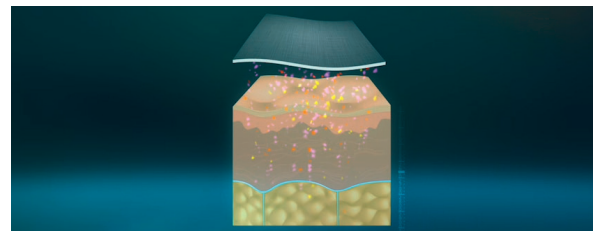
Microencapsulation Technology

During the spinning process of our polyamide Novarel yarns, **microcapsules are incorporated**, thereby becoming embedded both within and on the surface of the Nylon filaments.



Cosmetotextile Technology

The cosmetic content of NOVAREL fiber becomes **activated when the garment is worn or used**.



Cosmetic Nylon fibers

NOVAREL technology provides **cosmetic benefits** to the skin.

Our researchers have developed a unique method that **incorporates cosmetics** embedded into the nylon fibers in a **homogeneous way**.

While the garment is being worn, the cosmetics are activated to deliver various benefits to the skin. These benefits have been **scientifically tested by independent laboratories**.

What makes our technology be distinctive?

NOVAREL yarns **incorporate registered cosmetics**.

Cosmetic benefits have been **tested by independent labs**.

Excellent durability against various uses and washing cycles.

Our technology is **highly versatile**, allowing for the incorporation of a wide range of cosmetics

Fabrics and garments utilizing NOVAREL technology can follow **standard textile processes**.

NOVAREL yarns preserve the quality and appearance of garments **without requiring any specialized packaging solutions**.

Applications

NOVAREL fibers are suitable for any fabric that comes into **direct contact with the skin**.

NOVAREL Fibers: The real cosmetotextiles



novarel[®] slim
.....

Helps to control
orange peel appearance



NOVAREL Slim is a Nylon microfiber that incorporates a cosmetic aid to **control the orange peel appearance** while the garment is being worn.

The patented NOVAREL Technology, developed by NUREL, enables us to **incorporate active principles inside the Nylon yarns**.

What is and what causes cellulite?

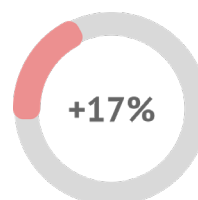
It affects approximately 90% of women.

Cellulite is caused by clumps of fat filled cells that push against the skin tissue, giving an orange peel appearance to the hips, thighs, buttocks and abdomen.

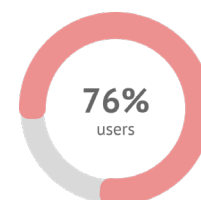
High quality ingredients

The cosmetic product contained in NOVAREL Slim microfibers combines a selection of ingredients **helping to control the undesirable** orange peel aspect:

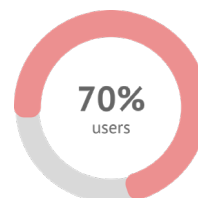
Caffeine, Retinol, Vitamin E and Active Minerals as well as other ingredients such as Fatty Acids and Aloe Vera.



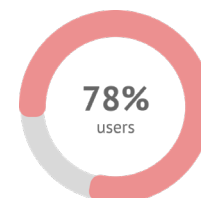
Increased **skin elasticity**



76% of users experience a **firmer skin**

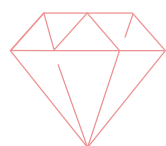


Improves the **appearance of orange peel**

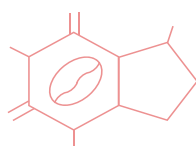


softer skin

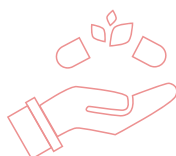
Prime quality active ingredients:



Active Minerals



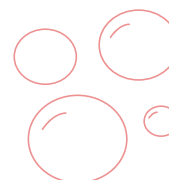
Caffeine



Retinol



Vitamin E



Fatty Acids



Aloe Vera

novarel[®] **firming**
.....

Helps skin
firming up



NOVAREL Firming is a Nylon microfiber that integrates a microencapsulated cosmetic formula, designed to support the **skin's flexibility and deliver an anti-aging effect** while the garment is worn.

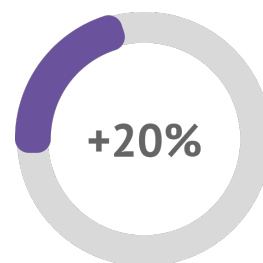
Thanks to the exclusive **microencapsulation technology**, developed by our R&D department, the active ingredients are **embedded into the fiber**.

Why does skin lose firmness?

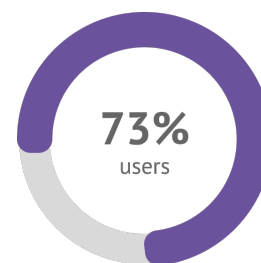
Starting at the age of 20, the skin experiences a 1% annual decline in collagen. This **collagen loss contributes to a decrease in elasticity**, and by the age of 40, firmness loss becomes noticeable. In fact, firmness loss is typically the initial indication of skin aging.

Cosmetic Ingredients

The cosmetic product contained in NOVAREL Firming yarns combines a selection of **ingredients to help the skin firm up**: Retinol, Oleic Acid, Active Minerals and other ingredients such as Aloe Vera and Fatty Acids.

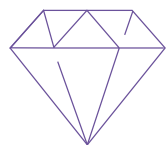


**Skin firm up
improvement**

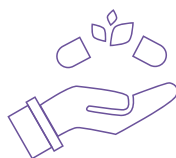


**Anti-aging
effect on the
skin**

Prime quality active ingredients:



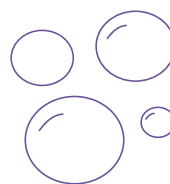
Active Minerals



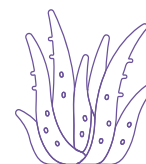
Retinol



Oleic Acid



Fatty Acids



Aloe Vera



Helps to
moisturize the skin



NOVAREL Aloe, is a Nylon microfiber that contains a cosmetic formulation based on Aloe Vera. Its purpose is to **enhance the skin's hydration levels** while the garment is being worn.

Our R&D department has developed an exclusive microencapsulation technology that enables the active ingredients to be **incorporated directly into the fiber**.

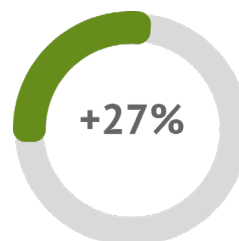
Natural Ingredients

NOVAREL Aloe incorporates into the fibers natural origin cosmetic ingredients such as **active minerals and Aloe Vera**.

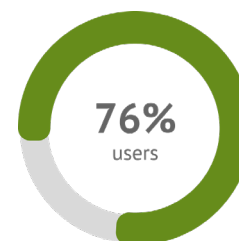
What is Aloe Vera?

Aloe Vera is **a natural extract** from the Aloe Barbadensis plant. It is regularly used as an ingredient in skin care and is well acknowledged for its beneficial effects to the skin.

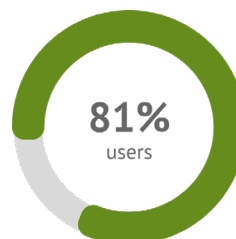
Aloe Vera contains more than 200 components that have multiple synergistic effects. These components include amino acids, anthraquinones, sugars, vitamins, minerals, etc.



After 7 days,
improves
hydration 27%

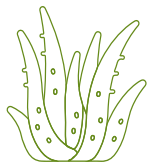


76% of users
feel their **skin**
is smoother
and more
elastic

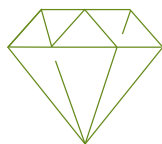


SOFTER SKIN
SENSATION

Prime quality active ingredients:



Aloe Vera



Active Minerals

novarel[®] anti-ox
.....

Anti-oxidant benefits



NOVAREL Anti-Ox, is a Nylon microfiber that incorporates a cosmetic formulation containing **Aloe Vera and Vitamin E**. Its purpose is to assist the skin in combating oxidation while the garment is being worn.

Our NOVAREL Technology, patented by NUREL, enables us to incorporate active principles inside the Nylon yarns.

Skin oxidation main causes

Several factors contribute to the onset of skin aging. Premature skin aging, in particular, is largely attributed to the **presence of free radicals in the body**. Environmental factors such as pollution and solar radiation generate free radicals that impact the skin.

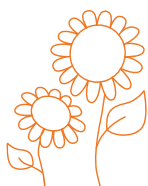
Anti-oxidant solutions

Anti-oxidants, such as **Vitamine E (tocopherol)**, are naturally occurring substances that may provide protection against the effects of damaging free radicals have on skin cells.

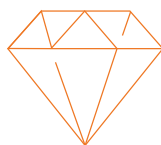
The effective combination of **Vitamin E, Aloe Vera and Active Minerals** helps to protect the skin from the oxidation effects.

NOVAREL Anti-Ox technology confers to fibers an **extra sun protection factor** than conventional Nylon fibers.

Prime quality active ingredients:



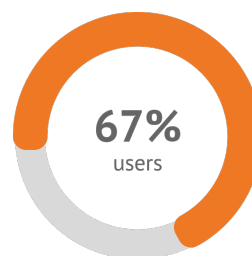
Vitamin E



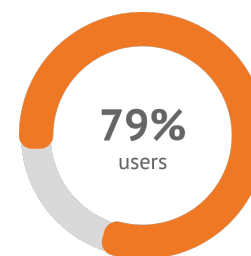
Active Minerals



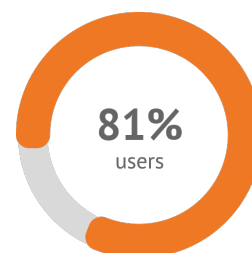
Aloe Vera



67% of users
feel their
**skin is more
hydrated**



79% of users
perceive their
skin to be more
**elastic and
smooth**



81% of users
notice their
skin is **softer**

**PROVEN
ANTI OXIDANT
EFFECT**



Helps to **moisturize** and
improves **elasticity**

A nourished and regenerated sensation on the skin



NOVAREL Natural Care is a Nylon microfiber that contains a cosmetic formulation based on **Rose Hip Oil and Sweet Almond Oil**. This formulation helps to **moisturize the skin**, enhance **skin elasticity**, and create a **revitalized and nourished sensation** while wearing the garment.

Our NOVAREL Technology, developed and patented by NUREL, allows us to embed active ingredients **directly into the Nylon yarns**.

Natural origin ingredients

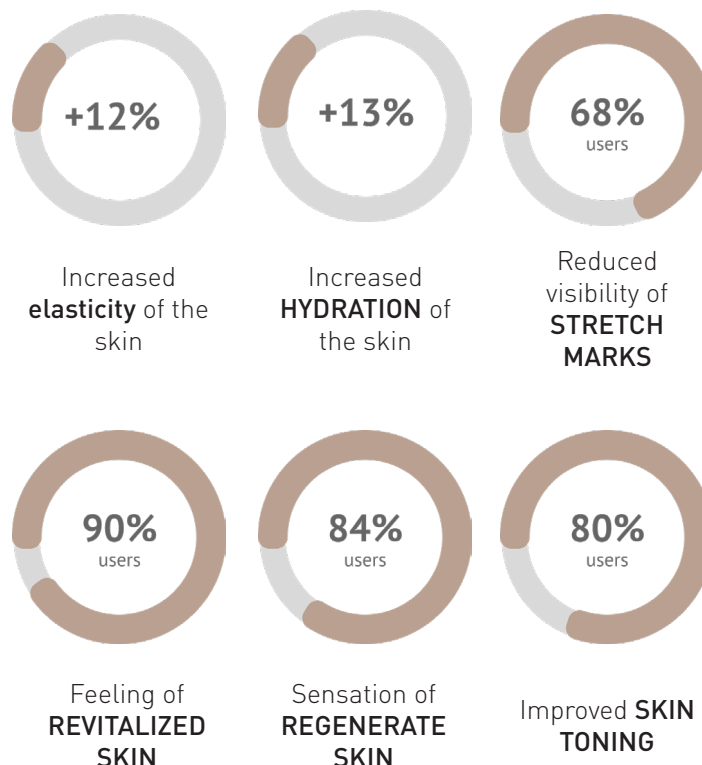
The cosmetic formulation found in NOVAREL Natural Care microfibers combines carefully chosen natural ingredients such as **Rose Hip Oil, Sweet Almond Oil, and Active Minerals**. These ingredients work together to provide skin care benefits and promote overall **skin health**.

Rose Hip oil and Sweet Almond Oil have long been utilized in the cosmetic industry due to their known properties of **enhancing elasticity, promoting regeneration, and providing moisturization to the skin**.

Enhancing skin natural beauty

Novarel Natural Care helps to **moisturize, tone and to enhance skin elasticity**.

Independent studies demonstrate that the continuous use of NOVAREL Natural Care garments provides a **nourished and regenerated skin sensation**.



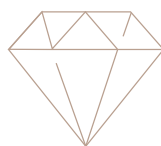
Prime quality active ingredients:



Rose Hip Oil



Sweet Almond Oil



Active Minerals



Helps to **hydrate** and to
provide an **energizing**
skin sensation



NOVAREL Minerals is a Nylon 6 microfiber that contains a cosmetic formulation comprising pure **concentrated mineral water extract** and active minerals to help the **skin increasing the hydration levels** during the use of the garment.

Thanks to the exclusive microencapsulation technology, developed by our R&D department, microencapsulated active ingredients are **embedded into the Nylon fiber**.

Deep moisturizing

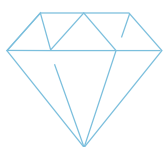
Thanks to its high mineral concentration, NOVAREL Minerals **helps to hydrate** and provides an **energy feeling** to the skin.

Pure concentrated mineral water

Water highly concentrated in minerals, is recommended for skin hydration, stimulation and soothing.

The Thermal Spring Water sourced from Thermes de Salies-de-Béarn in France is renowned for its mineral content and medicinal properties. It is ten times saltier than regular seawater and has been officially recognized as minero-medicinal by the French Ministry of Health ("Ministère de la Santé").

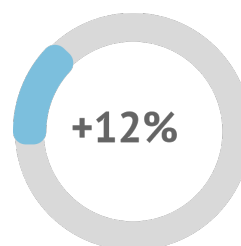
Prime quality active ingredients:



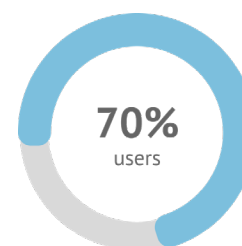
Active Minerals



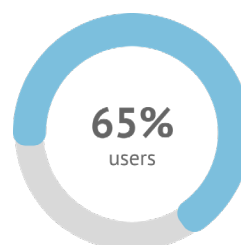
Thermal Water



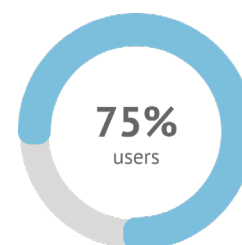
Increased **SKIN HYDRATION**



SMOOTH SKIN
feeling



ENERGIZING SENSATION
on the skin



Sensation of **HYDRATED SKIN**



Firmness, Elasticity & Hydration

Antioxidant effect



NOVAREL Q10 is a Nylon microfiber that contains a cosmetic formulation **based on Q10**. It is designed to enhance **skin firmness, elasticity, and moisturization** while the garment is being worn. Proven to have an antioxidant effect.

Thanks to the exclusive NOVAREL Technology, both **Active Minerals and Q10** are incorporated directly into the Nylon fibers.

Q10, a natural ingredient

Coenzyme Q10, also known as **ubiquinone**, is a **natural component of the skin**. Q10 plays a vital role in maintaining and enhancing the skin's elasticity..

Skin elasticity reduction main causes

Elasticity is the skin's ability to stretch and go back to normal. Reduced skin elasticity is mainly caused by:

- **Environmental factors:** sun exposure or pollution
- **Weight losses**
- **Lifestyle:** smoking and stress
- **Age & gender**

Benefits

NOVAREL Q10 helps to improve skin firmness providing elasticity and moisturizing and also has a proven **antioxidant effect****.

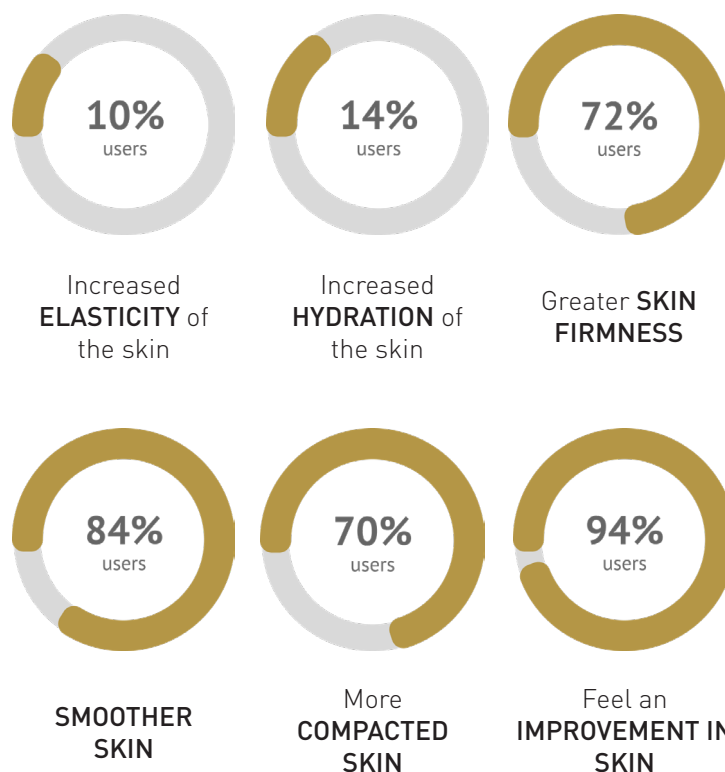
Prime quality active ingredients:



Active Minerals



Coenzyme Q10



**PROVEN
ANTI OXIDANT
EFFECT**

Skin total protection



NOVAREL SKIN HEALTH is a Nylon microfiber which contains active principles to protect the skin against pollution and UV, preventing skin ageing. Patented microencapsulation technology, it combines a selection of active ingredients: **Centella Asiatica** & **Vitamin C**.

The three ingredients: Centella Asiatica, Vitamin C and Vitamin E

- **Centella Asiatica** improves hydration and increases **collagen production** in the skin.
- **Vitamin C** neutralizes free radicals that cause oxidative stress. It is also essential for the **collagen production**, which helps maintain the structure of the skin and delay the signs of aging.
- **Vitamin E** is a powerful **antioxidant** that may be effective at **reducing UV damage** in skin and to nourish and protect the skin from damage caused by free radicals.

Independent clinical studies show that **NOVAREL Skin Health presents photoaging protective effect** by increasing collagen production **and has clear protective effect against urban dust.**

Prime quality active ingredients:



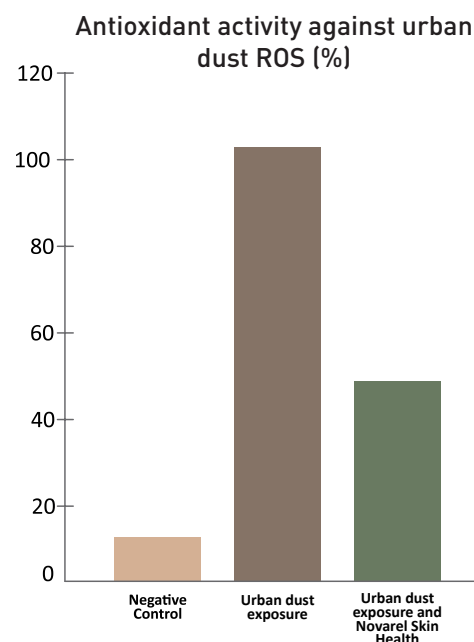
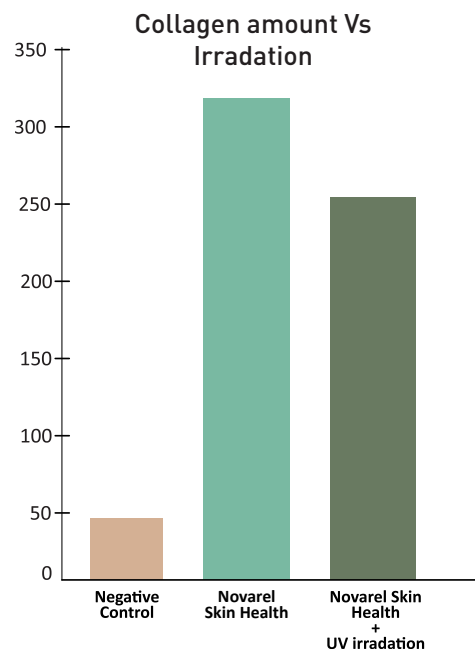
Centella Asiatica



Vitamin C



Vitamin E



NOVAREL® Branding

HANG TAGS, FABRIC APPROVAL & GARMENT APPROVAL

NOVAREL HANG TAGS

Labels are designed to **explain the NOVAREL Technology** and to ensure the authenticity of the garments.

If your fabric or garment is made of any of our NOVAREL yarns, you may be interested on our **branding service**.

Our **hang tags** are designed for the **final consumer** understanding and they are available in several languages.

Branding service is free of charge.

NOVAREL labels are provided **only for garments that fulfill our approval requirements**.

Fabric approval requirements

NOVAREL yarns content on the fabric should be enough to provide the expected benefits. The side of the fabric in contact with the skin should have a **minimum content of 70% of NOVAREL Fibers**.

The **minimum quantity required** depends on factors such as fabric construction and composition.

Garment approval requirements

100% of the fabric in contact with the skin should be made of an **approved NOVAREL fabric**, and should cover the whole body parts where the cosmetic action is expected.

Narrows, waistbands or cotton crotch areas could be made of other materials. The **minimum fabric content required** depends on the structure of each garment.

NUREL analyzes and approves the provided fabrics and garments with the unique purpose of allowing the use of our brand NOVAREL.



NOVAREL® Certifications

QUALITY, EFFICACY & SUSTAINABILITY

COSMETIC REGISTRATION

Every cosmetic incorporated into our **NOVAREL** yarns have a security dossier and a cosmetic registration according to the **EU REGULATION (EC) No 1223/2009**.

INDEPENDENT EFFICACY STUDIES

The benefits claimed by our all our NOVAREL products have been **scientifically proven by independent labs**.

In-vivo and in-vitro tests are carried out by prestigious international laboratories specialized in cosme-to-textiles.

QUALITY & SUSTAINABILITY

In accordance to our commitment with **Quality** and **Sustainability**, our plant has achieved the **ISO 9001, ISO 14.001 and ISO 50.001** certifications.

OEKO-TEX® & REACH

All our products are **OEKO-TEX® Standard 100 Class I certified** ensuring that our products are tested for potentially harmful substances.

NUREL fully complies with **REACH** system in every respect ensuring that its raw materials suppliers in their turn comply with the applicable health and safety standards.





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