



A revolutionary
way of daily
skin care

novarel[®] 

NOVAREL Technology

A pioneering breakthrough in Nylon textile technology

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

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

During the garment use, cosmetics are released providing different benefits to the skin. These benefits have been **scientifically tested** by independent laboratories.

How does it work?

Our **patented** microcapsules have been specially designed to preserve, contain and release different kinds of active principles that help to maintain and enhance the skin beauty.



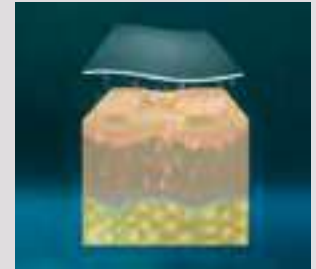
NOVAREL selects the most suitable cosmetics for each function. These **cosmetics are microencapsulated**.



Microcapsules are **incorporated into the yarn** during the spinning process. Therefore, they are fixed into and outside of the Nylon filaments.



Microcapsules content is released **during the garment use**.



NOVAREL technology provides the skin with cosmetic benefits during the garment use.

Prime quality active ingredients

What makes our technology be distinctive?

- > NOVAREL yarns incorporate registered cosmetics.
- > Cosmetic benefits have been tested by independent labs.
- > Resistant to a wide number of uses and washing cycles.
- > Our technology is very versatile making it possible to incorporate a broad diversity of cosmetics.
- > Fabrics and garments made with NOVAREL technology follow standard textile routes.
- > NOVAREL yarns maintain the quality aspect of the garments and does not require any special packaging solution.

Applications

NOVAREL fibers are mainly indicated for any fabric in direct contact with the skin:

- Shapewear
- Lingerie
- Hosiery
- Athletic wear

Rose Hip Oil



Sweet Almond Oil



Aloe Vera



Vitamin E



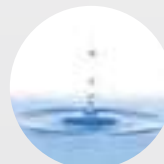
Oleic Acid



Caffeine



Thermal Water



Q10



novarel[®] slim
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Helps to control
orange peel appearance

NOVAREL SLIM is a Nylon microfiber which incorporates a cosmetic aid to **control orange peel appearance** during garment's use

What is and what causes cellulite?

It affects approximately 90% of women. Cellulite is caused by clumps of fat filled cells pushing up against the skin tissue giving an orange peel aspect on 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**. Includes ingredients such as **Caffeine, Retinol and Vitamin E** as well as other ingredients such as Fatty Acids and Aloe Vera.

Scientifically proven results

AFTER 56 DAYS OF USE
17% skin ELASTICITY increase

SATISFIES MOST USER'S EXPECTATIONS

Skin COMPACTNESS improvement	76% users
ORANGE PEEL aspect improvement	70% users
Skin SMOOTH improvement	78% users

Prime quality active ingredients incorporated into the microcapsules

Caffeine



Retinol



Vitamin E



Fatty Acids



Aloe Vera





novarel[®]  firming
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Helps skin
firm up

NOVAREL FIRMING is a Nylon microfiber which incorporates a cosmetic formulation to **help the skin maintain its flexibility** and to provide an antiageing skin effect during garment's use

Thanks to the exclusive micro-encapsulation technology, developed by our R&D department, microencapsulated cosmetics are embedded into the fiber.

Why does skin lose firmness?

From twenty years old, skin loses 1% collagen each year. Skin loses elasticity and at forty, firmness loss is a fact. Firmness loss is the first sign of skin ageing.

Cosmetic Ingredients

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

Scientifically proven results

AFTER 28 DAYS OF USE	
Firmness improvement	20%
Antiaging skin effect	73%

Prime quality active ingredients incorporated into the microcapsules

Retinol



Oleic Acid



Fatty Acids



Aloe Vera



novarel[®] aloe
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Helps moisturize the skin

NOVAREL ALOE, is a Nylon microfiber which incorporates Aloe Vera cosmetic to help the skin **increase moisturizing levels** during garment's use

Thanks to the exclusive micro-encapsulation technology, developed by our R&D department, microencapsulated cosmetics are embedded into the fiber.

What is Aloe Vera?

It 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 synergetic effects. These components include amino acids, anthraquinones, sugars, vitamins, minerals, etc.

Prime quality active ingredients incorporated into the microcapsules



Scientifically proven results

Scientific Study demonstrates after 7 days of use:
27% Significant moisturizing skin improvement

SATISFIES MOST USER'S EXPECTATIONS

SOFTER skin sensation

81% users

SUPPLER & SMOOTHER skin sensation

76% users

Aloe Vera



novarel[®] anti-ox
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Anti-oxidant
benefits



NOVAREL ANTI-OX, is a Nylon microfiber that incorporates a cosmetic based on Aloe Vera and Vitamin E to help the skin **fighting against oxidation** during garment's use

Skin oxidation main causes

There are a variety of factors that can cause the skin to start ageing. A big part of this "premature skin ageing" is a result of free radical activity in the body. Environmental factors such as, pollution and solar radiation generate free radicals in the skin.

Anti-oxidant ingredients

Antioxidants are naturally occurring substances that may provide protection against the effects of damaging free radicals have on skin cells.

Combining **Vitamin E and Aloe Vera** helps to protect the skin from the oxidation effects.

Scientifically proven results

Scientific In-vitro test:
Demonstrates the anti-oxidant effect of NOVAREL ANTI-OX

Vitamin E (tocopherol) is an antioxidant that is present in the skin and it is found in various foods, such as vegetables, seeds and meat.

Prime quality active ingredients incorporated into the microcapsules



Vitamin E



Aloe Vera





novarel[®] natural
care
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Helps to moisturize
and provides elasticity
Nourished and regenerated skin sensation

NOVAREL NATURAL CARE is a Nylon microfiber which incorporates a cosmetic based of Rose Hip Oil and Sweet Almond Oil that helps moisturize, improve the skin elasticity and provide a regenerated and nourished skin sensation during garment's use

Natural origin ingredients

The cosmetic product contained in NOVAREL NATURAL CARE microfibers combines a selection of natural origin ingredients such us **Rose Hip Oil and Sweet Almond Oil** in order to take care of the skin.

Benefits

NOVAREL NATURAL CARE helps to moisturize, tone and to enhance skin elasticity.

Scientifically proven results

AFTER 56 DAYS OF USE	
ELASTICITY skin increase	12%
MOISTURIZING skin increase	13%
TONICITY increase	80% users
STRETCH-MARKS visibility decrease	68% users
SATISFIES MOST USER'S EXPECTATIONS	
NOURISHED SKIN sensation	90% users
REGENERATED SKIN sensation	84% users

Prime quality active ingredients incorporated into the microcapsules ● ● ● ● ●

Sweet Almond Oil



Rose Hip Oil





novarel[®] minerals

Helps to hydrate and to
provide an energizing
skin sensation

NOVAREL MINERALS is a Nylon microfiber which incorporates a cosmetic containing pure concentrated mineral water to help your **skin to increase moisturizing levels** during garment's use

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

Deep moisturizing

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

Pure concentrated mineral water

Thermal Spring Water from Thermes de Salies-de-Béarn in France, is 10 times more salty than ordinary sea water and is recognized as minero-medicinal by the French "Ministère de la Santé".

Scientifically proven results

After 14 days of use:
12% skin hydration increase

SATISFIES MOST USER'S EXPECTATIONS

skin HYDRATION sensation	70% users
SKIN ENGERIZING Sensation	65% users
skin SOFTNESS Sensation	75% users

Prime quality active ingredients incorporated into the microcapsules ● ● ● ● ●

Thermal Water





novarel[®]



Firmness, Elasticity
and Moisturizing

Antioxidant effect

NOVAREL Q₁₀ is a Nylon microfiber which incorporates a cosmetic that helps to improve skin **firmness, elasticity and moisturizing** during garment's use. Proven **antioxidant effect***.

High quality ingredients

Q₁₀ is also known as **ubiquinone** and it is a natural component of the skin. Q₁₀ is essential to help to maintaining and improve skin's elasticity.

Skin elasticity reduction main causes

Skin elasticity is the skin's ability to stretch and then go back to normal once the need to stretch is gone. Reduced skin elasticity is mainly caused by:

- Sun exposure
- Weight looses
- Lifestyle: smoking and stress
- Age & gender

(*) In vitro evaluation of the anti-oxidant activity

Scientifically proven results

AFTER 56 DAYS OF USE	
ELASTICIY skin increase	+10%
MOISTURIZING skin increase	+14%
+ SKIN FIRMNESS	72% users
+ SKIN SMOOTHNESS	84% users
+ COMPACTNESS	70% users
SATISFIES MOST USER'S EXPECTATIONS	
Feel an improvement in their skin softness, firmness, suppleness and elasticity	More than 94% of the users

Prime quality active ingredients incorporated into the microcapsules ● ● ● ● ●

Q₁₀



NOVAREL Branding

NOVAREL Hangtags

NUREL offers a wide range of hangtags describing NOVAREL Technology

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

Our **hangtags** are designed for the **final consumer** understanding and they are available in several languages and are **supplied free of charge**.

NOVAREL hangtags are provided **only for the fabrics and garments that fulfill our approval requirements**.

Fabric approval requirements

NOVAREL yarns content on the fabric should be enough to provide the expected benefit. The side of the fabric in contact with the skin should contain **at least 70% NOVAREL yarn**. The **minimum required NOVAREL content** 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 desired. Narrows, waistbands and cotton crotch areas could be made of other materials. The **minimum fabric content required** depends on each garment structure.

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



NOVAREL Certifications

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 NOVAREL product range have been **scientifically proved by independent labs**.

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

Quality

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®

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



