



Comfy and breathable

# The chilling power of yarn

## Embrace the perfect balance of breathability and comfort

Introducing Radilon® Chill-fit, the ultimate **yarn experience** that keeps you **comfortable** and **fresh** all day long. Say goodbye to feeling stifled or restricted by your clothing. With Radilon® Chill-fit, you'll enjoy a **newfound sense of freedom** as the fabric made with it allows for **optimal airflow**. Unleash your full potential in any activity with Radilon® Chill-fit. Whether you are going shopping, hitting the gym or simply lounging at home, garments made with Radilon® Chill-fit ensure your cosyness.

## Thermocamera test results\*

Two women wore two different pairs of pantyhoses and temperatures were measured during a working day. Here are the results based on 2 different persons in the same room and working conditions:

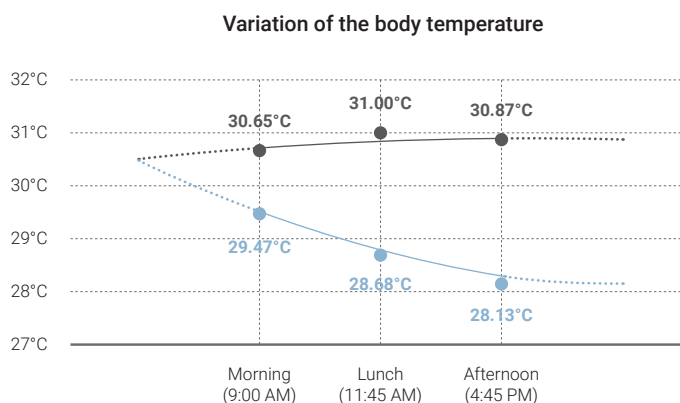
- **Standard PA**

Higher body temperature, constantly higher during the day.

- **Radilon® Chill-fit**

Lower body temperature during the day.

Graph disclaimer: throughout the day, legwear produced with Radilon® Chill-fit create a refreshing effect compared to standard yarn (the first temperature was detected about 1h after the tights were worn).



Moreover, according to the skin model test\*, it is proved that water absorbed by the fabric produced with Radilon® Chill-fit is about twice the water absorbed by a fabric produced with a standard polyamide.

\* Internal method by Centrocot.

## Radilon® Chill-fit specialties:

### refreshing features

The textile has the power to restore freshness, vitality, energy, and to prevent odor emanation from sweat.

### breathability

These yarns have a great ability to allow the passage of air and moisture through it.

### soft touch

These yarns give the textile a nice touch and premium comfort which create an exclusive feeling.

### UV protection

Thanks to the distinctive polymer the yarns have UV protection properties. The fabric made with these yarns shields the skin with an UPF 50+.

### long lasting performances

Being at the fiber level, the air flowing properties will never wash out.

### 100% recyclable

These yarns perfectly fit into RadiciGroup circular strategy.

# RadiciGroup was inspired by nature behavior

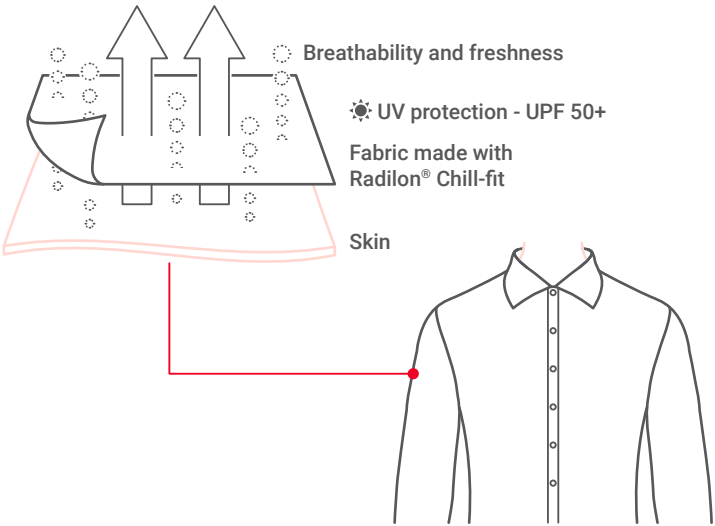
The idea for this special product came from the observation of:

- eccrine sweat glands that regulate the thermal balance of the human body through the physical effect of evaporative cooling;
- tropical plants whose leaves have a transpiration process (called guttation) that expell excess water.

# Radilon® Chill-fit, discover a new sensation

Thanks to the excellent work of RadiciGroup research and development team, the Group has developed an **innovative and special solution** that combines the **ability of the yarn to intrinsically generate freshness** and **to absorb sweat and make it evaporate quickly**. This bring a special “flow” to garments made with Radilon® Chill-fit.

This new engineered process grants that **thermal regulation** is intrinsic and permanent in the yarn without the need additional treatment of the fabric.

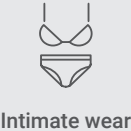


# Manufacturing technologies

Seamless, circular knitting, covering, warp knitting, hosiery and socks and weaving are the ideal technologies to enhance the characteristics of Radilon® Chill-fit.

# Radilon® Chill-fit endless possibilities

Radilon® Chill-fit is the ideal solution for all those applications where moisture management is required.



# RadiciGroup. Inside your world.

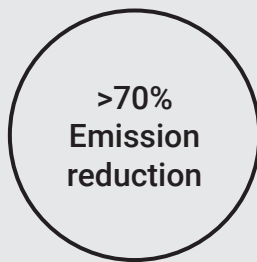
RadiciGroup is one of the world's leading producers of a wide range of chemical intermediates, polyamide polymers, high performance engineering polymers and advanced textile solutions, including nylon yarn, polyester yarn, yarn made from recovered and bio-source materials, nonwovens and personal protective equipment for the industrial and healthcare fields. These products are the result of the Group's outstanding chemical expertise and vertically integrated polyamide production chain and have been developed for use in a variety of industrial sectors, such as: automotive, electrical and electronics, household appliances, consumer and industrial goods, apparel, furnishing, construction, sports. The basis of the Group's strategy is a strong focus on innovation, quality, customer satisfaction and social and environmental sustainability.

## Sustainability

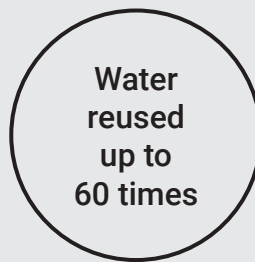
Every day at RadiciGroup, we work to make circularity our business model. We optimize the use of materials while fine-tuning our processes, eliminating waste and promoting recyclability from the earliest product design phases. We are always looking for low-impact solutions in terms of natural resources and energy. We rely on certified management systems for Quality, Health and Safety, Environment and Energy to keep our companies in line with the highest sustainability standards.



**GRI**, third-party certified  
**Sustainability Report**  
covering all RadiciGroup  
companies worldwide.



**Since 2011**,  
in RadiciGroup plants.



**Water reused**  
in RadiciGroup  
production plants.

Data Source: RadiciGroup Sustainability Reports



**RADICI YARN SpA**  
Via Provinciale, 1125 - IT - 24020 Villa D'Ogna (BG)  
Tel. +39 0346 89111 - Fax +39 0346 23396  
[www.radicigroup.com](http://www.radicigroup.com)  
[apparel.technical@radicigroup.com](mailto:apparel.technical@radicigroup.com)

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