



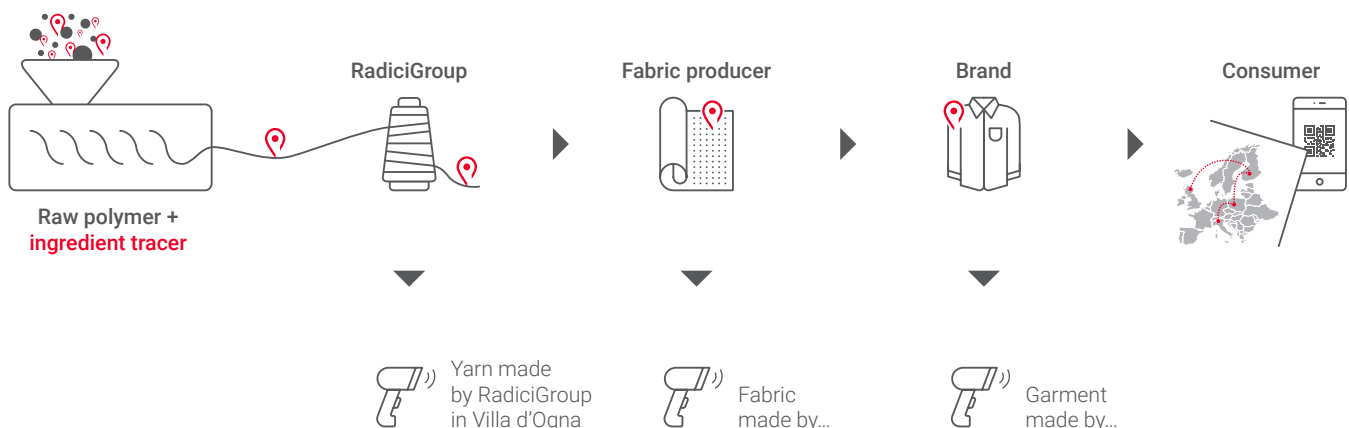
Discover the journey

# Revealing transparency: embracing traceability

In recent years, as a result of the growing awareness of the importance of each production step from the standpoint of Quality, Health, Safety and compliance with applicable environmental and human rights regulations, **the ability to precisely trace the various steps in the procurement or processing of materials has become a key factor in RadiciGroup's sustainability strategy.**

RadiciGroup refers to **"traceability"** as the ability to **track and follow the path of a product or material through all stages** of its production, processing, and distribution. It involves recording and documenting information about each step from the sourcing of raw materials to the final destination. So, in essence, "traceability" for RadiciGroup means highlighting **visibility and transparency** starting from its polymers and textile fibers.

## Integrating physical and digital traceability



RadiciGroup has adjusted its processes to accommodate a tracer suitable for synthetic yarns.

The **tracer** used by RadiciGroup is a **unique blend specifically created to be one-of-a-kind** and recognizable worldwide.

The resulting yarn not only retains its usual characteristics (no further investments in machinery are therefore needed), but it is also equipped with the capability to be physically scanned using a dedicated scanner.

This device can detect the presence of the pigments. This part constitutes the physical traceability of the process.

As for the digital traceability, it relies on a custom-made blockchain system through which it is possible to follow each step down the path.

**The mixed solution of physical and digital traceability allows the end user to discover the real journey** undertaken by the garment.

**Every actor within the supply chain can join RadiciGroup commitment to traceability.**

**To magnify the traceability effort, it is of the utmost importance that all the partners in the value chain join the project.**

# Advantages of traced yarns

- Safety and certification compliance
- Supply chain transparency
- EU supply chain boosting
- Final users' more informed choices
- Support fight to counterfeiting
- Support the Extended Producer Responsibility
- Readiness to data disclosure for European legislation
- Protection against misleading claims

# RadiciGroup commitment to traceability

RadiciGroup is pioneering the **advancement of traceability**, driven by a commitment to heightened **transparency** and the exploration of **innovative solutions** for both the supply chain and end consumers.

The extensive capabilities of traceability technology span a diverse range of polymer matrices meticulously developed by RadiciGroup. From improving product quality and safety to **streamlining supply chain efficiency** and **promoting sustainability** initiatives, its influence covers RadiciGroup's polymer production spectrum.

This technology not only enables RadiciGroup to trace the origins and journey of each polymer matrix but also fosters opportunities for **innovation**, **collaboration**, and **responsible stewardship** in the global marketplace.

# RadiciGroup is the ideal ingredient brand for endless possibilities



Hotels and offices



Cruise ships



Fashion apparel



Sportswear



Intimate wear



Accessories



Airplanes



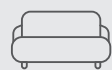
Automotive



Industrial applications



Outdoor



Furniture

# RadiciGroup. Inside your world.

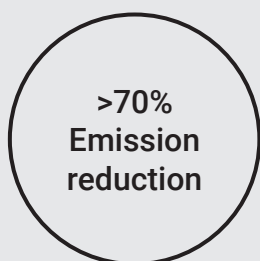
RadiciGroup is one of the world's leading producers of a wide range of chemical intermediates, polyamide polymers, high performance engineering polymers and advanced textile solutions, including nylon yarn, polyester yarn, yarn made from recovered and bio-source materials, nonwovens and personal protective 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

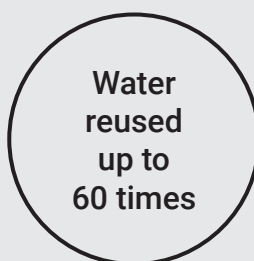
Every day at RadiciGroup, we work to make circularity our business model. We optimize the use of materials while fine-tuning our processes, eliminating waste and promoting recyclability from the earliest product design phases. We are always looking for low-impact solutions in terms of natural resources 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  
[www.radicigroup.com](http://www.radicigroup.com)  
[apparel.technical@radicigroup.com](mailto:apparel.technical@radicigroup.com)

The information provided in this document corresponds to our knowledge on the subject as of the date of publication. The information may be subject to revision as new knowledge and experience become available. Data provided fall within the normal range of product properties and relate only to the specific designated material. The data may not be valid for such material if used in combination with any other material or additive, or in any process, unless otherwise expressly indicated. The data provided should not be used to establish specification limits. Such data are not intended to substitute for any testing you may need to conduct to determine the suitability of a specific material for particular purposes. Since the above-mentioned companies cannot anticipate all the variations occurring in end-use conditions, the above-mentioned companies make no warranties and assume no liability in connection with any use of the above information. Nothing in this publication is to be considered as a licence to operate under, or a recommendation to infringe, any patent rights.