



## PRESS RELEASE

Hannover, 11-14 January 2014

**Radifloor®**, **Radigreen®** and **dorix®**: for quality textile floor coverings.



From 11 to 14 January 2014, RadiciGroup is showcasing its range of yarn and staple for textile flooring in Hanover at Domotex, the leading trade fair for floor coverings.

The players:

■ **RADIFLOOR®**: PA6 and PA6.6 BCF yarn

*Focus on Radifloor® Contract and Radifloor® Residential ranges*

■ **RADIGREEN®**: polyolefin and polyamide artificial grass yarn

*Focus on My Radigreen® monofilament and Radigreen® HD PE fibrillated yarn*

■ **DORIX®**: PA6 and PA6.10 staple

*Focus on dorix® 6.10 staple fibre, made of 64% natural renewable source polymer.*



## RADIFLOOR®: A LEADING PRODUCT FOR YOUR FLOORING

Developed to meet customer specifications. Featuring long-lasting high tenacity and wear resistance. Available in a variety of colours, lustres, counts and degrees of fineness. The result of a long tradition of competence and experience in the textile floor-covering sector. RadiciGroup's **Radifloor® PA6 and PA6.6 yarn** is back at Domotex.

Radifloor® yarn is developed and produced in close collaboration with customers: from the initial step involving the definition of customer needs and requirements through the design, sampling,



testing and industrial trial stages. RadiciGroup provides constant technical support and ensures on-time production and delivery.

Through the extensive know-how of Radici Fil – RadiciGroup company founded in 1964 – Radifloor® yarn has conquered a leading position in the high-quality European floor covering market.

### WHY CHOOSE RADIFLOOR®?

- Enhanced performance of finished products
- Improved brilliance and colourfastness
- Greater safety
- Anti-static, anti-bacterial and anti-UV properties can be added

Radifloor® yarns meet the needs of the major carpet manufacturers in the Contract and Residential market segments, where quality, flexibility and the ability to tailor products to specific customer requirements are the key success factors. RadiciGroup is the only European contract supplier with a fully vertically integrated polyamide 6.6 production chain. It has control over the entire production process, from chemical intermediates to adipic acid, polyamides 6 and 6.6, engineering plastics and spinning polymers. This is one of the Group's strengths, a competitive advantage that, together with its know-how and acquired experience, makes it a reliable partner for its customers and guarantees the best support for their efforts.

## **RADIFLOOR® PRODUCTS AND APPLICATIONS IN A NEW COMPLETE CATALOGUE**

From *Contract* to *Residential*, *Automotive* and *Upholstery*, Radifloor® yarns are the right choice for products with the highest quality and performance. Discover all the details in the new complete [Radifloor® catalogue](#).

### **RADIFLOOR® CONTRACT**

Solution-dyed and raw PA6 and PA6.6 BCF yarn: ideal for floor coverings in hotels, offices, public buildings and cruise liners. Radifloor® Contract yarn for cut pile and loop pile construction is recommended for the manufacture of carpeting for heavy traffic applications, in conformity with EN1307, classes 32 and 33.

### **RADIFLOOR® RESIDENTIAL**

PA6 and PA6.6 BCF yarn: available in a broad range of dpfs, lustres and dye affinities for residential carpeting and rugs. Thanks to the large number of possible combinations, Radifloor® Residential can best meet the specific creative needs and customized specifications of carpet manufacturers.

### **RADIFLOOR® AUTOMOTIVE**

Solution-dyed and heat-set PA6 BCF yarn: used for auto interiors – moulded carpet, boot liners and mats.

### **RADIFLOOR® SPACE**

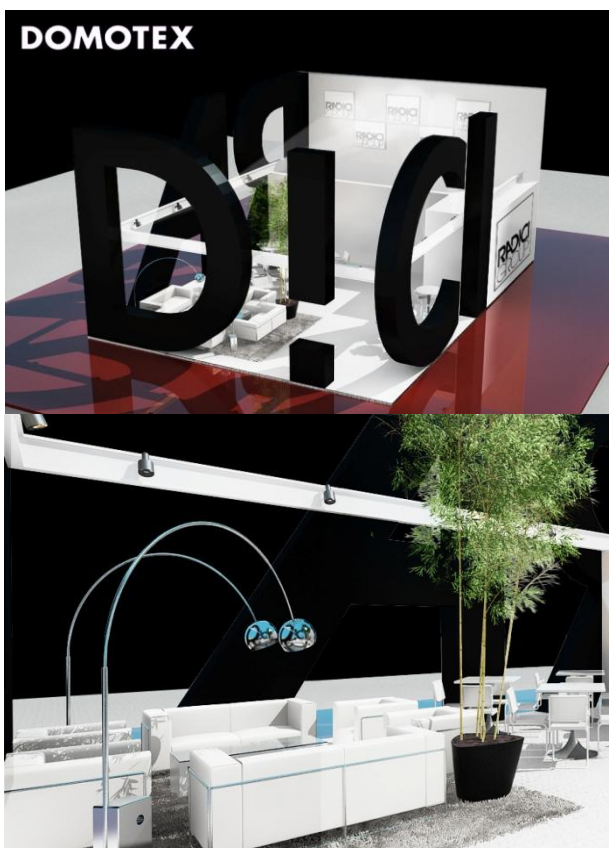
PA6 BCF yarn: with its traditional line of counts, combinations of yarns and colours, Radifloor® Space reconfirms RadiciGroup's presence in the traditional household furnishings and wall-to-wall carpet segment.

### **RADIFLOOR® SOLID**

Solution-dyed PA6 BCF yarn: can be used for cut-pile and loop-pile construction to give wall-to-wall carpeting or carpet tiles greater uniformity and better performance in terms of light fastness. The special tribal modified yarn cross-section improves stain resistance (anti-soil adhesion) and aids in soil removal. All this plus excellent carpet pile performance. Radifloor® Solid guarantees environmental protection, because it is dyed during extrusion and no further dye processing is necessary.

## RADIFLOOR® FOR THE RADICIGROUP STAND AT DOMOTEX...

A very soft and thick cream-toned carpet made from **Radifloor® PA6.6 Dtex 1400F256 x2x2 heat**



**set superba bright** yarn will cover the lounge area of the new glamorous RadiciGroup stand at Domotex. The yarn gives the carpet a soft hand with a shading effect characteristic of viscose, but with PA 6.6 performance.

In the central area of the stand, visitors will find a carpet made with yarn from the collection **Radifloor® Contract Dtex 700F128 x2 bright – dull twist frisée** – a very fine, yet robust, yarn that gives the carpet a very elegant soft hand.

Lastly, the office area will be covered with a carpet made from **Radifloor® PA6 Dtex 1050F128 x2 bright – bright frisée** yarn, which gives the carpet brightness, a soft hand and good performance. What is more, the yarn is a very good value.

---

FOR MORE INFORMATION

Arturo Andreoni, *Marketing Manager of RadiciGroup Radifloor®*

[arturo.andreoni@radicigroup.com](mailto:arturo.andreoni@radicigroup.com)

[RADIFLOOR® ON THE WEB](#)

---

RadiciGroup at Domotex 2014

*Radifloor®*

## RADIGREEN®: THE ADVANTAGES OF SYNTHETIC TURF FOR LANDSCAPING.

Radigreen® polyamide and polyolefin artificial grass yarn from Tessiture Pietro Radici (TPR) is back once again at Domotex. TPR, an ancestral RadiciGroup company, is the only supplier in the world with a complete portfolio of nylon and polyolefin yarn for synthetic turf. Its products stand for quality, usage safety and high performance and have been developed to best meet customer expectations and requirements in any application sector: from **landscaping** (residential and commercial indoor and outdoor artificial grass) to **sports** (football pitches; golf greens; hockey, five-a-side football and rugby pitches; and American football fields).

### RADIGREEN® FOR LANDSCAPING ...



At Domotex, the spotlight is on **MY Radigreen®**, an exclusive line of all-in-one combinations of straight and textured monofilaments specifically developed for residential and commercial synthetic turf. MY RADIGREEN® is the ideal solution for anyone who needs long-lasting synthetic turf with unmatched aesthetic appeal.

My Radigreen® (where “MY” stands for MULTI-YARN) is a range of exclusive products that gives turf makers maximum colour and production flexibility.

### WHY CHOOSE MY RADIGREEN®?

Here is short a list of the main benefits of using synthetic turf in residential and commercial buildings:

- Water savings
- Minimal maintenance
- No pesticides
- Ever-green lawn
- Creative customization

**ON CREATIVITY ...** An example of Italian creativity with My Radigreen® as one of the players was on display in an original installation set up in Bergamo during the month of September for the



international event “**Masters of Landscape - International Meeting of the Landscape and Garden**”. The place chosen was Piazza Vecchia [the Old Square] in Città Alta [the Upper Town], one of the most charming places in Bergamo and one of the most beautiful squares in all of Italy. On that occasion, the square was all decked out in

green and transformed into a magnificent garden and outdoor living room. The entire pavement of the Old Square was covered with synthetic turf made of MY Radigreen® yarn to show how the outdoor use of artificial grass and synthetic turf could bring value to public and private spaces alike, opening up possibilities for unexpected uses of such spaces and making outdoor areas more liveable. “**Masters of Landscape - International Meeting of the Landscape and Garden**” was a unique event with a landscape theme organized by the Municipality of Bergamo and the Arketipos association. It took place from 7 to 22 September 2013, following the great success of prior year exhibits attended by over 200,000 visitors.

**Among the MY Radigreen products available today:** Straight PE monofilament + textured PP monofilament, Straight PE monofilament + textured PE monofilament, and Straight PE monofilament + textured PA monofilament.



## RADIGREEN® FOR SPORTS ...

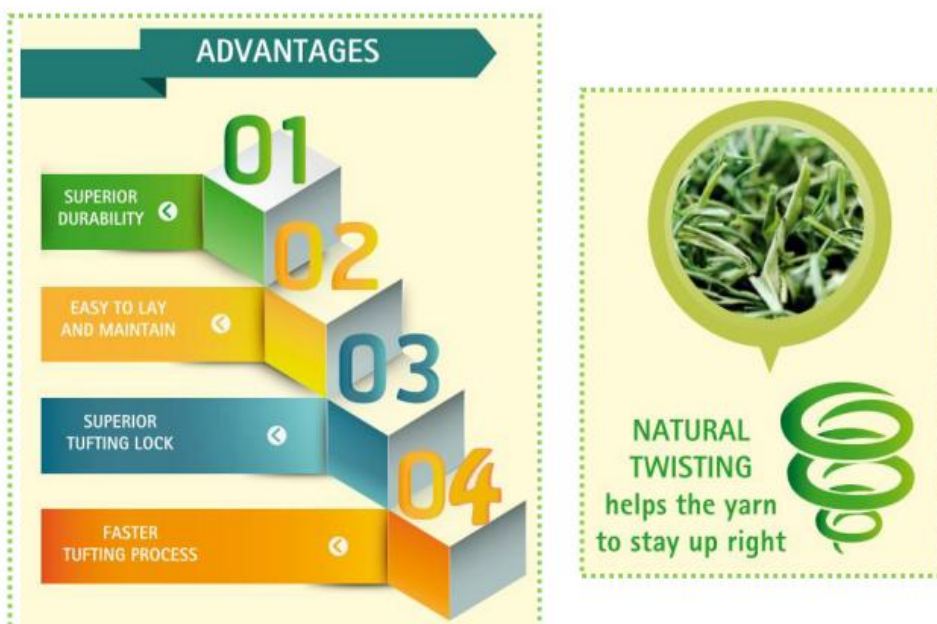
Domotex is also the showcase for **Radigreen® HD PE**, new range of fibrillated yarn, the combined result of the evolution of production technology and the use of high-performance polymers. Radigreen® HD PE is family of yarn for sports applications, designed to fulfil one of the primary requirements of this particular sector: a fibre that lasts over time while keeping the technical characteristics of the turf unchanged for the longest time possible and preventing degradation caused by the sun's radiation. Long life is a key requirement for synthetic turf surfaces for sports such as football, golf, hockey, five-a-side football, American football and rugby. Consequently, that is the direction Tessitura Pietro Radici product development has taken. From choosing the polymer and processing technology to determining the cross-section shape of the yarn, TPR has worked on making high-durability, high-weavability yarns, keeping in mind the ease of installation and maintenance of the synthetic turf.

Developing Radigreen® HD PE required:

- Special polymers specifically designed to provide high tear-resistance.
- Innovative fibrillation technology.

### Distinctive Radigreen® HD PE characteristics...

- Good weavability
- Ease of installation and maintenance
- Long-lasting high resistance to wear and tear



TPR production technology produces clean and precise fibrillation, which is essential to prevent the fibre from weakening. RADIGREEN® HD PE yarn can withstand prolonged stress because of its self-twisting property, a helix effect that strengthens the yarn by increasing resilience and split resistance.

RADIGREEN® HD PE yarn ensures a uniform and homogeneous playing surface with good resilience and ball roll.

#### ■ **Collaboration with customers...**

TPR has an ongoing commitment to collaborating with its customers, with the goal of providing the best solution for the end use. Collaboration is a step-by-step process, a constant dialogue that leads to developing tailor-made and special additivated products endowed with specific characteristics and ensuring the highest technical performance in their final use.

#### ■ **Quality, environment and safety: a concrete commitment...**

Quality, environment and safety are a concrete commitment for Tessiture Pietro Radici, which was recently awarded two important management systems certifications: UNI EN ISO 14001:2004 for the environment and BS OHSAS 18001:2007 for occupational health and safety.

---

#### FOR MORE INFORMATION

Andrea Marcassoli, Customer Technical Assistance, Tessiture Pietro Radici

[andrea.marcassoli@radicigroup.com](mailto:andrea.marcassoli@radicigroup.com)

[RADIGREEN® ON THE WEB](#)

---



## DORIX® 6.10 FOR SUSTAINABLE DEVELOPMENT.

Again at centre stage at Domotex 2014: **dorix® PA6.10**, a staple fibre manufactured with **polymer made of 64% natural materials derived from renewable resources**. This staple fibre ensures a high level of sustainability as well as excellent performance.

dorix®'s technical characteristics and biological component make it an ideal product with excellent performance and reduced environmental impact. The latter has become a factor of increasing importance, the focus of particular attention by the textile product chain.

### The base polymer for dorix® 6.10 ...

The polymer used to produce dorix® 6.10 was developed and is produced by **Radici Chimica SpA**, a RadiciGroup chemical company based in Italy. RadiciGroup's upstream vertical integration, its distinctive characteristic, ensures full control over the production of PA 6.6. Polymer 6.10 is



*Looking for stability and resistance?  
The answer is natural ...*

competitive with other long carbon chain polyamides in terms of cost and performance.

All PA 6.10-based products, from textile yarn to staple and engineering plastics, benefit from the properties of this polyamide, which greatly improves their technical performance while reducing the environmental footprint of

their applications, thanks to use of renewable source material.

Performance and sustainability: a winning combination to stay competitive in the market.

## **dorix® 6.10 characteristics**

Available in a vast range of colours and items, dorix® 6.10 is ideal for the contract textile floor coverings sector, particularly the manufacture of carpeting and needle-felt carpet tiles for high performance applications where colourfastness and resistance to wear and tear are a must.



Starting in 2011 – thanks to its German company Radici Chemiefaser GmbH –, RadiciGroup has been able to expand its staple fibre portfolio, so as to offer its customers an increasingly more complete and differentiated selection

of products. It supplies not only raw and solution-dyed PA6 staple fibre, but also, as of last year, an eco-sustainable nylon-6.10 line under the dorix® brand name. A brand that stands for high quality, flexibility and performance, as well as low environmental impact. For RadiciGroup, collaborating with downstream customers is the key to tackling a great challenge: sustainability.

---

### FOR MORE INFORMATION

Filippo Bona, *R&D Manager of Radici Yarn*

[filippo.bona@radicigroup.com](mailto:filippo.bona@radicigroup.com)

Daniele Zanoletti, *Sales Manager of Radici Yarn*

[daniele.zanoletti@radicigroup.com](mailto:daniele.zanoletti@radicigroup.com)

[DORIX ON THE WEB](#)

---

# RADICIGROUP

Production and sales sites in Europe, North America, South America and Asia. Diversified businesses focusing on chemicals, plastics and synthetic fibres. Know-how. Vertically integrated nylon production. Constant commitment to guaranteeing its customers quality, sustainable innovation and reliability.

All this is RadiciGroup, a leader in nylon chemicals. RadiciGroup products are used in applications such as:

- Apparel
- Sportswear
- Furnishings
- Automotive
- Electrical and electronics
- Household appliances
- Consumer goods

RadiciGroup, with its Chemicals, Plastics and Synthetic Fibres Business Areas, is part of a larger industrial group that also includes textile machinery and energy businesses.

[www.radicigroup.com](http://www.radicigroup.com)

## PRESS OFFICE

Cristina Bergamini

*Corporate Marketing&Communication*

[cristina.bergamini@radicigroup.com](mailto:cristina.bergamini@radicigroup.com)

