



NEWS RELEASE

Hannover, 11-14 January 2014

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).

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HALL 5 - STAND C32

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 ...

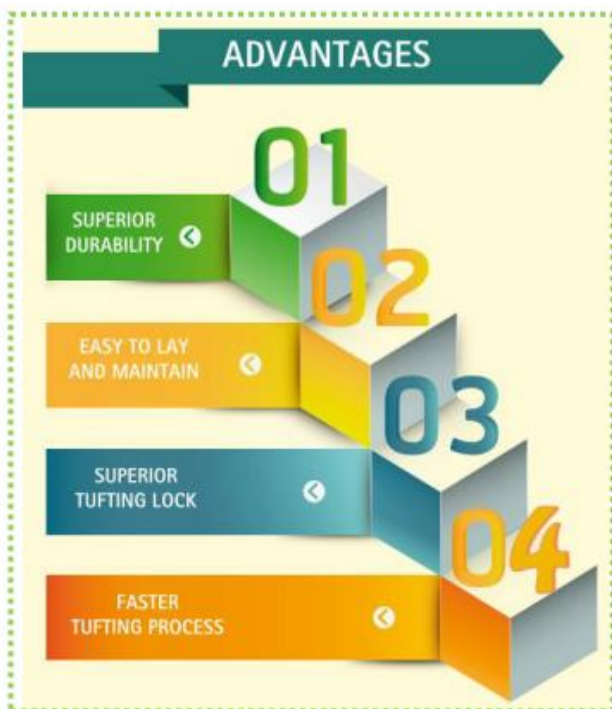
Domotex is also the showcase for **Radigreen® HD PE**, new range of fibrillated yarn, the combined result of the evolution of production technology and the use of high-performance polymers. Radigreen® HD PE is family of yarn for sports applications, designed to fulfil one of the primary requirements 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

[RADIGREEN® ON THE WEB](#)

➤➤ *For more information on all carpet yarn and staple products showcased by RadiciGroup at Domotex, please read the [PRESS RELEASE](#)*

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

PRESS OFFICE

Cristina Bergamini

Corporate Marketing&Communication

cristina.bergamini@radicigroup.com

