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## NEWS RELEASES

Frankfurt am Main, 4 – 7 May 2015

# Radilon®, DORIX® and Raditeck® polyamide yarn and staple at Techtex.

*RadiciGroup is back at TECHTEXTIL, a leading international trade fair for technical textiles and nonwovens, from 4 to 7 May 2015 in Frankfurt, Germany.*

### FOCUS ON

- PA6 and PA6.6 yarn (Radilon®)
- PA6 staple fibre (Radilon® and DORIX®)
- PA6.10 yarn and staple fibre (Radilon® 6.10 and DORIX® 6.10)
  - high tenacity PA6.6 yarn (RADITECK® DoubleSix and RADITECK® Fine).



*Techtextil is the ultimate showcase for RadiciGroup's RADILON®, DORIX® and RADITECK® polyamide yarn and staple fibre brands. A varied product portfolio comprising PA6 and PA6.6 yarn (Radilon®), PA6 staple fibre (Radilon® and DORIX), PA6.10 yarn and staple (Radilon® 6.10 and DORIX® 6.10) and high-tenacity PA6.6 yarn (RADITECK® DoubleSix and RADITECK® Fine).*

## PA6 and PA6.6 Radilon® yarn: Excellence Made In Italy...

Radilon® PA6 and PA6.6 yarns stand for high quality and performance, plus a high degree of customization and sustainability. These products are available in a wide variety of counts, lustres, colours and versions. From monofilament to super microfibre, from bright to extra full dull, from flat to texturized, from raw to solution-dyed. A portfolio of products developed by RadiciGroup to best meet the application needs of the textile/apparel, technical and industrial textile sectors.

“We are constantly working on optimizing our product line,” said **Filippo Bona** of *Radici Yarn R&D*. “Just as we are constantly committed to collaborating with our customers and providing them with a complete range of services. Over the years, our Group has built up a wide product offering in keeping with our strategy to develop differentiated solutions tailored to specific application needs. Recently, we introduced two new kinds of polyamide yarns, Radilon® Mélange and Radilon® Soft, which are currently being showcased at Techtextil. The Mélange line features 100% polyamide products with technical characteristics that allow for obtaining two-tone effects while endowing the fabric with the look and feel of silk.”

“The new Soft products are a family of air-textured products combining a natural look and feel with the characteristics of polyamide fibres,” Mr. Bona continued. “These high-performance yarns are ideal for the sportswear and technicalwear sectors and are available in counts from 90 to 370 dtex. The Soft line is the result of innovative development work made possible by our synergies with Group company Radici Chimica, whose extensive know-how in the production of polyamide polymers is a competitive advantage and an important strength of our entire Group.”

# Our PA6 staple fibre for industrial nonwoven applications ...

Available in a variety of counts, cross-sections and solution-dyed colours, these staple products made at the Radici Yarn and Radici Chemiefaser GmbH production sites are the ideal solution for industrial nonwoven applications.

**Radilon® staple fibre and DORIX®: the polyamide staple for industrial nonwoven applications...** Nonwovens for technical uses such as interlinings, industrial felt, filters and abrasives, These are but some of the main applications for which RadiciGroup PA staple represents the best solution.

**NONWOVENS AND MORE ...** RadiciGroup polyamide staple fibre is used in industries such as:

TECHNICALWEAR – FASHIONWEAR – CONTRACT CARPET – AUTOMOTIVE –  
TECHNICAL APPLICATIONS

## PA6.10 yarn and staple: Sustainable performance...

Radilon® 6.10 and DORIX® 6.10 are yarn and staple fibre made of 64% renewable source polymer of biological origin. These are products that ensure both sustainability and excellent performance.

The biological content and technical characteristics of these PA6.10 products make them ideal for high-performance technical fabrics. They offer comfort, light weight, less water absorption, resistance and colourfastness. All these properties, plus lower environmental impact – an increasingly more important aspect on which our Group's entire yarn production chain has been concentrating for quite some time.

The new Radilon® PA6.10 products are made from a polymer developed and produced by **Radici Chimica SpA**, RadiciGroup's Italian chemical facility. This upstream vertically integrated polyamide 6.6 production is a distinctive strong point of the Group.

**Radilon® 6.10 sustainability...** These products are made from polyamide 6.10, a biopolymer obtained from sebacic acid (64% by weight) and hexamethylenediamine, an intermediate over which RadiciGroup has direct production control. Sebacic acid is a substance of biological origin obtained from castor oil plant seeds. This plant is cultivated, mostly in China and India, in arid environments and, for this reason, does not compete with agricultural products for human consumption.

# Raditeck® high tenacity...

**Raditeck® Fine...** At Techtextil RadiciGroup is focusing on a line of high-tenacity PA6.6 fine-count yarns, recently enhanced with new air-textured yarns (ATY). Besides the traditional excellent high-tenacity performance characteristics that make Raditeck® Fine ideal for technical applications – such as superior abrasion resistance, light stability and long life, even under the harshest use conditions –, these air-textured products ensure greater voluminosity and a cotton look and feel.

**Raditeck® Fine** products are ideal for textile applications in the technical apparel sector, as well as for the manufacture of sport items, such as sails, hot-air balloons and parachutes.

**Available counts: 33F10, 50F13 and 78F34 dtex**

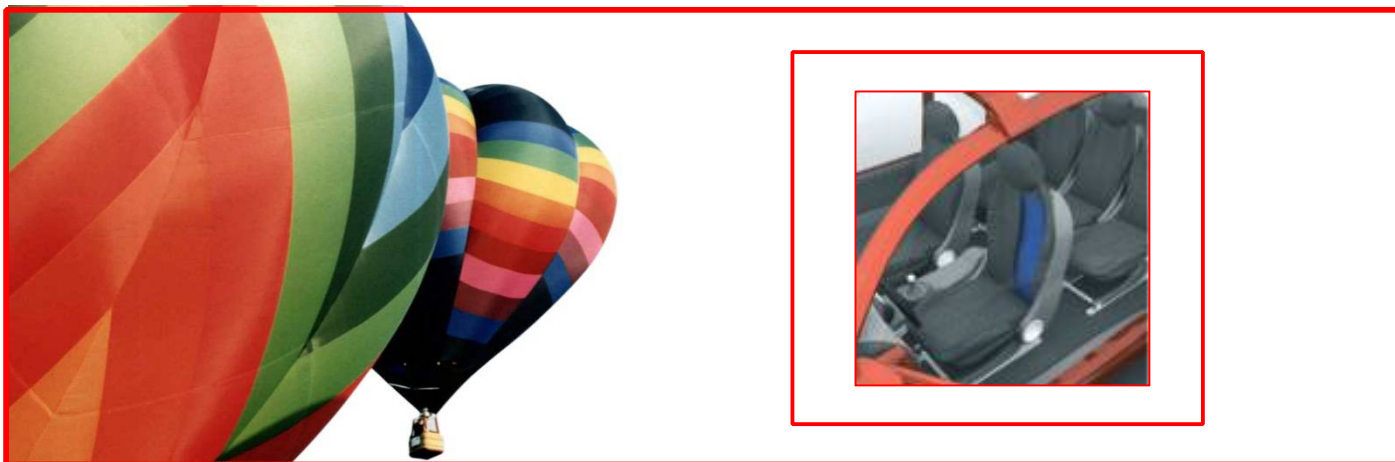
**Available counts for ATY versions: 90F34, 180F68 and 360F136 dtex.**

For more information on RADITECK® Fine and RADILON® and DORIX® yarn and staple lines:  
[fashion.fibres@radicigroup.com](mailto:fashion.fibres@radicigroup.com)

**Raditeck® DoubleSix...** The performance characteristics of this RadiciGroup high-tenacity PA6.6 yarn make it ideal for applications in the automotive industry (airbag fabric, tyre cord, transmission belts and plumbing pipe reinforcement) and the industrial sector (rubber reinforcement for conveyor belts, hoses for oleodynamic systems and peel-ply fabric).

**Available counts: from 470 to 700 dtex for airbag fabric; from 940 to 2100 dtex for tyre cord, and up to 2820 dtex for rubber reinforcement (MRG).**

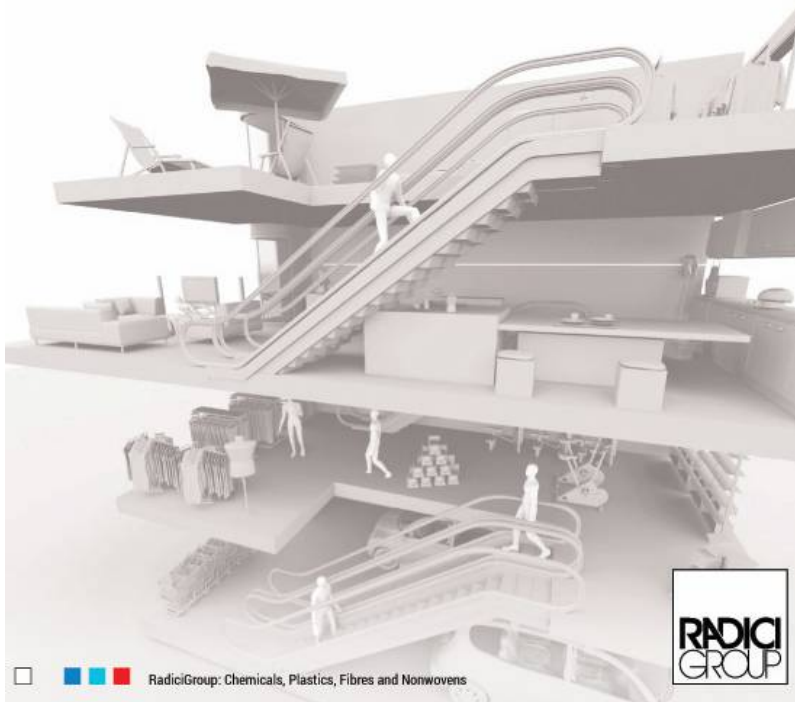
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# RADICIGROUP

*Production and sales sites in Europe, North America, South America and Asia. Diversified*

*businesses focusing on chemicals, plastics, synthetic fibres and nonwovens. 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 – FURNISHINGS – AUTOMOTIVE – CONSUMER GOODS – CONSTRUCTION – ELECTRICAL AND ELECTRONICS – HOUSEHOLD*



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

**[WWW.RADICIGROUP.COM](http://WWW.RADICIGROUP.COM)**



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