

RADIGREEN®. Shaped to win.



RADIGREEN®

RADIGREEN® team works side by side with customers and athletes to make synthetic turf a wonderful experience.

www.radigreen.com www.radicigroup.com



RADIGREEN®. Playing hard for you.

RADIGREEN® is the trademark for polyolefin and nylon yarns used for synthetic turf and produced by TESSITURE PIETRO RADICI, a RadiciGroup company. RadiciGroup is one of the most active Italian chemicals companies at an international level. RadiciGroup's diversified businesses operate worldwide and are focused on Chemicals, Plastics, Synthetic Fibres and Textiles. One of RadiciGroup's key strengths is the synergistic vertical integration of its polyamide chain.



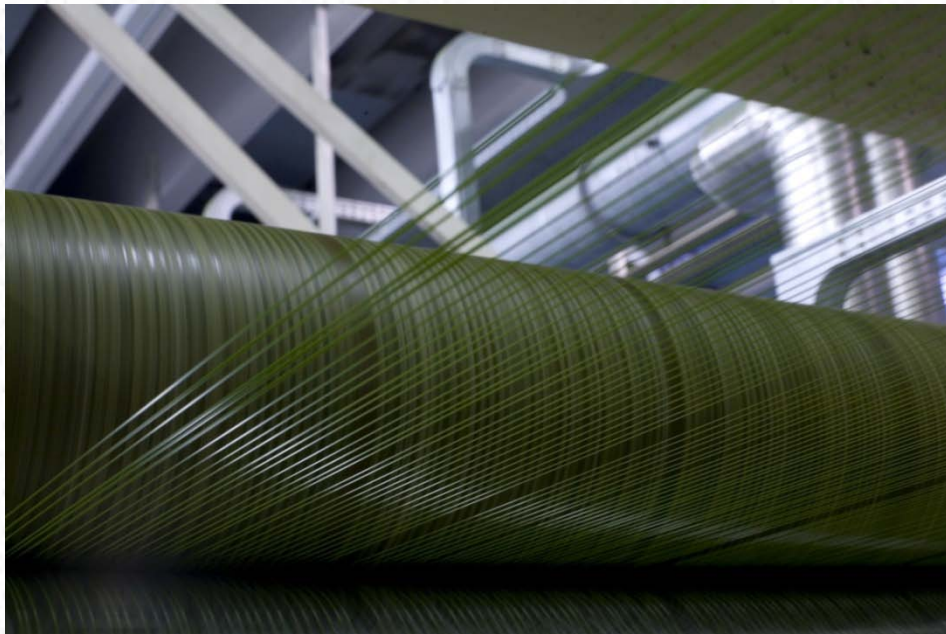
Each sport has its own needs.

Since the '80s we have been working in close contact with our customers for conceiving products able to perfectly meet the needs of athletes playing on synthetic turf.

Cooperation is actually one of the pillars of the constant improvement of RADIGREEN® yarns as for quality and technical performances.

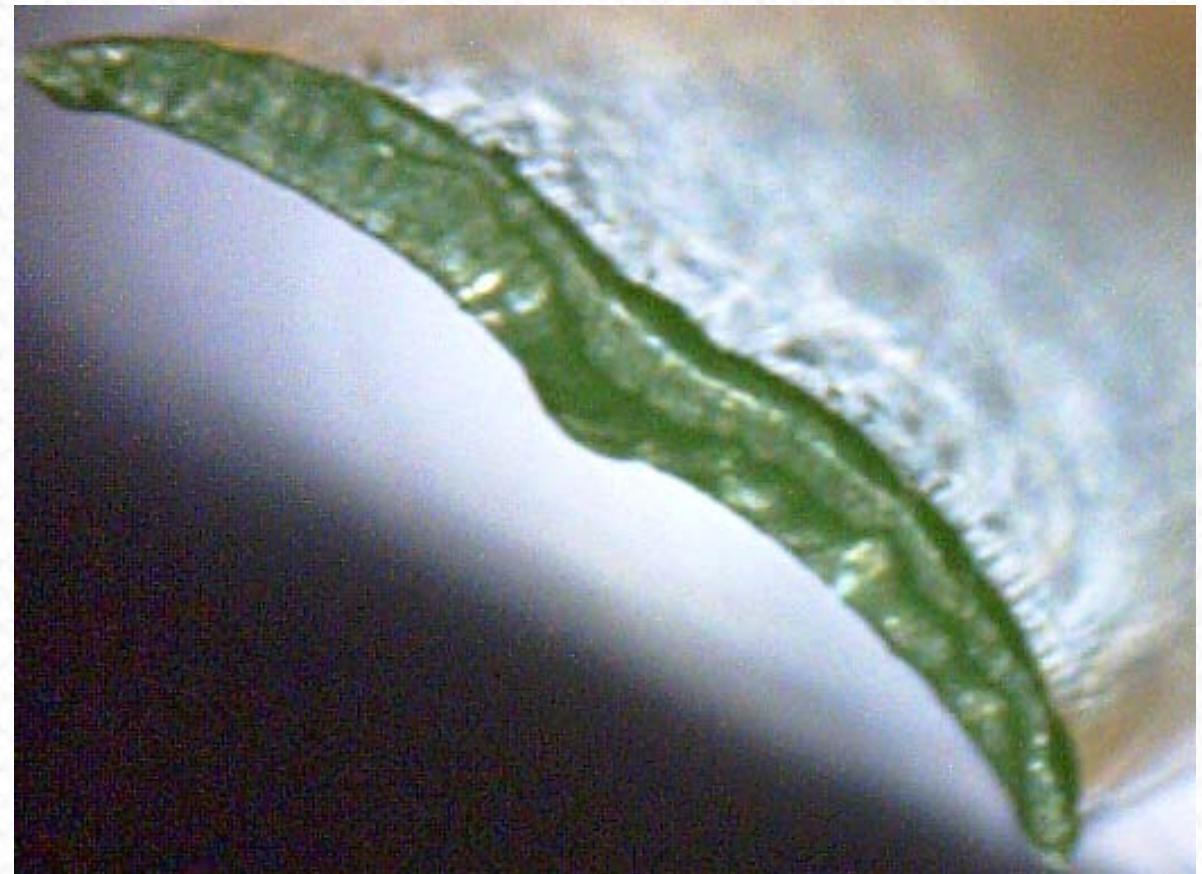


Our Quality Control is carried out according to the sector's ISO, EN and DIN regulations. rigorously monitor and check every stage of the production cycle using modern systems and state-of-the-art machinery managed by our experienced staff. The pilot plant helps RADIGREEN® team activities on our yarns. Our R&D department can therefore test and develop new polymers, colors and additives within short timescales. Available in a wide range of products, RADIGREEN® provides great resistance over time, while ensuring compliance with the strictest international environmental protection standards regarding safety of use, disposal and recycling.



The **RADIGREEN® MFL PE *ALBATROS*** unique shape is the result of careful observation of the shape and behavior of natural grass blades. The synthetic turf sector requires high performance materials and sophisticated technical solutions.

RADIGREEN® MFL PE *ALBATROS* has been designed to meet these very needs and to convince even the most demanding and skeptical end-users.



ALBATROS shape peculiarities....

The central spine supports the blade with no noticeable difference in thickness between the two sides of the shape.

Hence **RADIGREEN[®] MFL PE *ALBATROS*** has great resiliency properties and thus resistance to wear and tear due to matting over time.



ALBATROS shape peculiarities....

The two side wings give a pleasant softness while in contact with the player and minimize skin abrasion risks, thanks to their behaviour that perfectly reproduce natural grass blades.

The wingspan has been designed to maximize the covering effect of the synthetic turf carpet made with **RADIGREEN[®] MFL PE *ALBATROS***, also in case of 6 single ends ply-twisted together.



ADVANTAGES

- ✓ Unmatched softness
- ✓ Superior resilience
- ✓ No skin abrasion risks
- ✓ Great covering effect



TECHNICAL DATA

Raw material	Polyethylene
Count	12,000 Dtex (6 plies)
Thickness	270 micron
Width	1.3 mm
Colours available	FOOTBALL GREEN MATCH GREEN WHITE
UV Certifications	UV-A and UV-B already available



CERTIFICATION OF NON-TOXICITY

Chemical analyses run at Istituto Italiano Sicurezza dei Giocattoli are aimed at checking the safety of Radigreen[®] yarns composition and their conformity to regulations established by the EU legislation about heavy metals, toxic and dangerous substances.

✓ No Presence of heavy metals, especially lead

The strictest regulations set a lead concentration limit not exceeding 300 ppm (Parts per million). Tests carried out show Radigreen[®] yarns are lead free (concentration of lead far below the lower level of measurement set at 50 ppm)

CPSC-CH-1002-08 US Consumer Product Safety Commission, Total lead

✓ Determination of content or migration of plasticizers

This analysis assesses the risks in case filaments are accidentally ingested or they remain in contact with the skin for a long time, and it sets a phthalate content limit of 0.1%. Thanks to this test it is possible to guarantee that Radigreen[®] yarns involve no intoxication risks since our formulations are plasticizers free (content lower than 0,005%).

EN 14372 Plasticised materials, Determination of plasticizers

LONG LASTING PERFORMANCE

As the pictures here below can easily confirm, RADIGREEN® MFL PE *ALBATROS* keeps its characteristics intact after Lisport testing.



Before Lisport test



After Lisport test

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