

Discover the possibilities...



# SYNTHETIC GRASS YARNS

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**We are**

**Don & Low**

MEMBER OF THRACE GROUP

At Don & Low, we are specialists in producing innovative, high-performance woven and nonwoven technical textiles for an extensive range of applications and markets. With a wide-ranging array of extrusion technologies, we can accommodate the commodity to the skilfully tailored.

As a UK-based and internationally renowned manufacturer, our success is based on the development and utilisation of new technologies and materials, an outstanding reputation for quality and expertise, and excellent customer service.

We love what we do, and we're passionate about each and every product we make, which is why we are committed to advancing our products to exceed both customer and market demands.

By applying over two centuries of textile and manufacturing excellence, we are proud to announce the addition of DLG<sup>®</sup> grass yarns to our product portfolio. DLG<sup>®</sup> grass yarns are at the leading edge in performance and quality. Developed with the end user in mind, DLG<sup>®</sup> grass yarns surpass the growing demands of the synthetic turf industry.

# INTRODUCING

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 **DLG**® STADIUM



Our top performing monofilament yarn for contact sports.

 **DLG**® ENDURANCE



Our extremely durable monofilament yarn for contact and non-contact sports.

 **DLG**® AGILITY



Our versatile texturised monofilament yarn for non-contact sports.

 **DLG**® STADIUMFX



Our top performing fibrillated yarn for contact and non-contact sports.

 **DLG**® FX



Our honeycomb fibrillated yarn for multipurpose applications.

 **DLG**® AGILITYECO



Our texturised monofilament yarn for non-infill sports systems, that also improves your ecological credentials.

 **DLG**® COMPETITION



Our high performance and economical monofilament yarn for contact sports.

 **DLG**® COMPETITION<sup>+</sup>



Our durable and practical monofilament yarn for contact and non-contact sports.

 **DLG**® GARDEN



Our dual-colour and versatile PE monofilament yarn for landscape surfaces.

 **DLG**® THATCH



Our monofilament yarn that provides a realistic, lush multi-dimensional aspect.



DOWNLOAD THE **DLG**® APP VIA THE APP STORE



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Our market-leading DLG® sports yarns provide the perfect balance between durability, resilience, and skin-friendliness. DLG® offers a wide range of synthetic grass fibres, which cover both ends of the spectrum and everything in between.



## FOOTBALL

Suitable for use in elite and grassroots football pitches, DLG®Stadium, DLG®StadiumFX, and DLG®Endurance provide surfaces with outstanding resilience. This results in consistent and unparalleled ball roll and enhanced durability, performance, and longevity - where softness is an added benefit.

## AMERICAN FOOTBALL

American football is a hard-hitting and tough game, where durability is critical, which is why our DLG®StadiumFX and DLG®Stadium yarns have been designed to last.

DLG®StadiumFX and DLG®Stadium enhance player performance, durability, and safety for high-impact sports - providing surfaces with optimal traction while enhancing player comfort.

## RUGBY

Suitable for use in top-level rugby pitches, stadiums, and academies. DLG®Endurance provides rugby surfaces with superior durability, resilience, and skin-friendliness.

This yarn ensures that the performance characteristics are consistent over the whole playing field, allowing players to focus on their technique and play to the best of their ability without worrying about the surface conditions.

## GOLF

DLG®Agility allows both putting greens, fairways, and driving ranges to remain lush and green all year round while providing a consistent, non-directional surface.

## HOCKEY

DLG®Agility yarns are exceptionally strong, remaining flat and consistent to improve predictability, – allowing players to perform to the best of their ability.

DLG®Agility provides hockey pitches with a non-directional surface, which has improved ball-to-surface interaction and increased pace.

## TENNIS

DLG®StadiumFX and DLG®Agility provide tennis courts with outstanding durability. A crucial element that enables the surface to withstand high-intensity foot traffic and guarantees a fast-paced and consistent surface.

## MULTI-USE GAMES AREAS

Although an individual and specified surface for each sport are preferred, restrictions in budget and space can limit options. However, multi-use game areas (MUGAS) are the ideal solution for schools, clubs, and local authorities, as they provide a combination of sports on one surface.

Delivering flexibility, strength, and resilience, DLG®Endurance enables pitch systems to adapt to multiple sports. While remaining aesthetically pleasing, low maintenance, and durable.

 DLG®STADIUM

 DLG®ENDURANCE

 DLG®AGILITY

 DLG®COMPETITION

 DLG®COMPETITION<sup>+</sup>

 DLG®STADIUMFX

 DLG®FX



# SPORTS

## DLG®STADIUM



USED IN

### APPLICATIONS:

- FOOTBALL
- RUGBY
- BASEBALL
- AMERICAN FOOTBALL
- AUSTRALIAN RULES

**DLG®Stadium** is our top performing monofilament yarn. Our unique technology ensures a durable and resilient fibre, while remaining skin soft - making it perfect for contact sports.

Don & Low's state-of-the-art extrusion technology and bespoke polymers, make **DLG®Stadium** the most advanced monofilament yarn available on the market.

### ADVANTAGES

- ▶ Outstanding performance
- ▶ Excellent durability
- ▶ Exceptional resilience
- ▶ Superior skin-friendliness
- ▶ Perfect for professional surfaces

MORE PRODUCT INFORMATION IS AVAILABLE UPON REQUEST



# SPORTS



## DLG®ENDURANCE



USED IN

### APPLICATIONS:

- FOOTBALL
- RUGBY
- GAA
- AMERICAN RULES
- FIVE-A-SIDE

**DLG®Endurance** is a monofilament yarn designed specifically for heavy duty sports surfaces such as five-a-side, Rugby 7's etc.

This distinct monofilament shape provides a strong and durable yarn with increased resilience, which ensures that sports surfaces can withstand fast pace and sometimes rough play.

### ADVANTAGES

- ▶ Outstanding durability
- ▶ Superior resilience
- ▶ Excellent softness
- ▶ Enhanced surface life expectancy
- ▶ Perfect for intensively used surfaces

MORE PRODUCT INFORMATION IS AVAILABLE UPON REQUEST



## SPORTS



**DLG®Agility** is the latest texturised yarn technology, ensuring perfect play due to its versatility.

Designed explicitly for non-contact sports such as hockey and tennis, **DLG®Agility** provides surfaces with true ball roll, excellent resilience, and consistency - with or without sand infill.

#### ADVANTAGES

- ▶ Outstanding surface consistency
- ▶ Excellent resilience
- ▶ Enhanced versatility
- ▶ Non-directional ball roll

MORE PRODUCT INFORMATION IS AVAILABLE UPON REQUEST



#### AGILITY APPLICATIONS:

**HOCKEY**  
**GOLF**  
**TENNIS**  
**MULTI-USE**  
**GYM FLOORING**



## SPORTS




#### APPLICATIONS:

**FOOTBALL**  
**RUGBY**  
**AMERICAN FOOTBALL**  
**TENNIS**  
**PET AREAS**

**DLG®StadiumFX** is our top-performing fibrillated yarn, which takes durability to the next level. Designed specifically for highly intensive contact sports, **DLG®StadiumFX** is exceptionally strong - offering superior value through its increased longevity and incredible skin-friendly characteristics. With a range of Dtex available, **DLG®StadiumFX** can be blended with both **DLG®Endurance**, or **DLG®Stadium** to create high-performing hybrid surfaces.

#### ADVANTAGES

- ▶ Outstanding performance
- ▶ Exceptional resilience
- ▶ Enhanced durability
- ▶ Excellent infill encapsulation
- ▶ Increased surface life expectancy

MORE PRODUCT INFORMATION IS AVAILABLE UPON REQUEST



# SPORTS

## DLG® COMPETITION



**DLG®Competition** is our high-performance and economical monofilament yarn.

The wide cross section of **DLG®Competition** provides turf manufacturers with a unique opportunity to reduce the pile weight of the overall surface while maintaining even and lush aesthetics.

**DLG®Competition** can also be blended with other yarns, such as DLG®Agility, to reduce infill quantity and infill splash.

### ADVANTAGES

- ▶ Excellent performance
- ▶ Great durability
- ▶ Good resilience
- ▶ Outstanding skin-friendliness

MORE PRODUCT INFORMATION IS AVAILABLE UPON REQUEST



# SPORTS

## DLG® COMPETITION+



**DLG®Competition+** is our durable and practical monofilament yarn, specifically designed for contact and non-contact sports.

The distinct monofilament shape of **DLG®Competition+** provides a practical and safe yarn with remarkable resilience, offering turf manufacturers a unique and competitive price-performance ratio.

**DLG®Competition+** can also be blended with other yarns, including DLG®Agility, to reduce infill quantity and infill splash.

### ADVANTAGES

- ▶ Excellent durability
- ▶ Great resilience
- ▶ Good skin-friendliness
- ▶ Increased surface life expectancy
- ▶ Perfect for high-use surfaces

MORE PRODUCT INFORMATION IS AVAILABLE UPON REQUEST

### APPLICATIONS:

- FOOTBALL
- RUGBY
- GAA
- AUSTRALIAN RULES
- FIVE-A-SIDE



# SPORTS



**DLG®FX** is our honeycomb, multipurpose fibrillated yarn.

This yarn is used in applications ranging from tennis courts to horse jumps and everything in between - offering turf manufacturers excellent value and versatility.

With a range of dtex and colours available, **DLG®FX** can also be blended with monofilament yarns to create high-performing hybrid surfaces.

## ADVANTAGES

- ▶ Excellent resilience
- ▶ Multiuse and multipurpose
- ▶ Great infill encapsulation
- ▶ Good versatility

MORE PRODUCT INFORMATION IS AVAILABLE UPON REQUEST



## AGILITY APPLICATIONS:

- LANDFILL CAP
- HORSE JUMPS
- TENNIS
- MULTI-PURPOSE
- NON-SPORT APPLICATIONS



# PERFORMANCE CHARACTERISTICS

**DLG®Stadium** and **DLG®Endurance** sports yarns were tested at Sports Labs according to the FIFA Quality Programme for Football Turf; The Handbook of Test Methods for Football Turf: October 2015 Edition.



### OUTSTANDING DURABILITY

No visible damage after **LISPORT XL** to **FIFA Quality** (6,010 LISPORT cycles)



### EXCEPTIONAL RESILIENCE

Demonstrated, ball roll tests show that **DLG®Endurance** gains only 3cm in the dry and 5cm in the wet post **Lisport XL** 6,010 cycles



### BALL ROLL /SURFACE INTERACTION

Improved as the ball is being played on the tips of the fibres. **PASSING FIFA QUALITY PRO REQUIREMENTS**



### TUFT LOCK

Demonstrated using **FIFA** approved test methods.



### RECERTIFICATION

Problems due to ball roll fail is less likely.



### MAINTENANCE

As the fibres are less prone to collapse, they are very responsive to various maintenance programmes. Therefore, we would always promote proper and regular maintenance.



### INFILLING

The high resilience in the yarn makes infilling easier and faster.



### SKIN FRICTION & ABRASION

Passing **FIFA Quality PRO** requirements



### UV CERTIFICATION

UVA





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## LIMITLESS USES FOR LANDSCAPE

**Through our carefully selected bespoke polymers and masterbatches, our innovative DLG® landscape yarns can combine aesthetics with functionality to deliver long-lasting performance and versatility.**

**DLG® landscape yarns provide skin-friendly, sustainable solutions for various landscape surfaces while remaining resilient.**

There are numerous reasons behind the increased popularity of synthetic turf, particularly for today's landscape and recreational surfaces. Through enhanced technology and innovation, as well as a more open and accepting society, artificial turf solutions are incorporated today into a variety of applications:

Gardens, rooftops, in parks, on traffic medians, roundabouts, racing circuits, company logos, runway surrounds, shop floors and display areas, in restaurants, on hotel balconies, boats, walkways, in areas with high foot traffic, at music and other outdoor events, all kinds of festivals and fairgrounds, in marquees, outside caravan doors, under tents, in car boots, on building facades, swimming pool surrounds, in gyms and fitness centres, indoor arenas, dog kennels, dog shows, in aviaries, chicken runs, business, and commercial buildings, landfill covers, at kindergartens, in school playgrounds, public playgrounds, safety areas, and ski resorts.

Beautifully landscaped synthetic turf is the perfect alternative to natural grass, especially where grass can't grow or be effectively maintained.

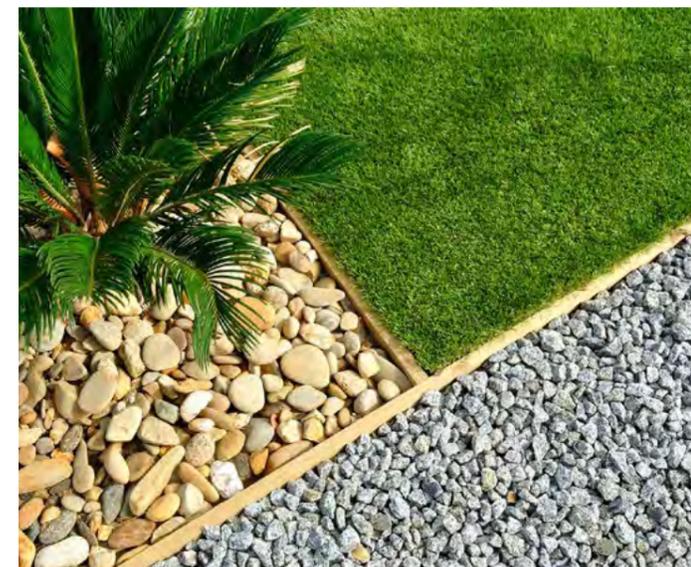


## INCREASED ENVIRONMENTAL & SUSTAINABILITY BENEFITS

Natural grass requires large amounts of water and nourishment to grow effectively; however, these types of resources are scarce or expensive in many parts of the world. Grass also requires chemicals that could leach into the water table over time and ongoing maintenance.

Heightened environmental awareness has prompted an increased market interest in alternative solutions. For example, you could conserve water, reduce chemical and pesticide usage, and regenerate areas where it's difficult for natural grass to grow.

Once installed, synthetic turf is very low maintenance and requires no chemicals or water to thrive.



 **DLG® GARDEN**

 **DLG® AGILITYECO**

 **DLG® THATCH**



# LANDSCAPE



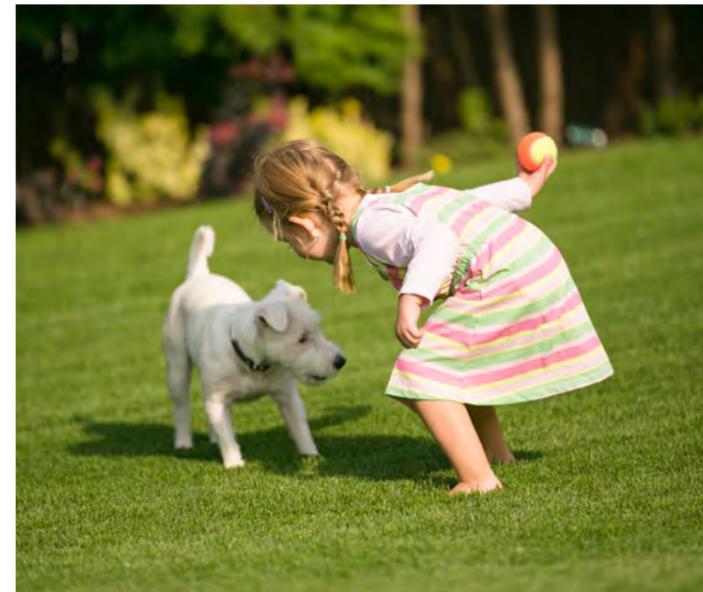
**DLG® Garden** is a dual-colour PE straight monofilament, where each blade is an individual fibre - soft to the touch, very resilient and still exceptionally durable, thanks to the cross sections available.

The versatility of DLG® Garden yields a multitude of tufting options to ensure they create the perfect surface for each particular need.

## ADVANTAGES

- ▶ Outstanding softness
- ▶ Excellent natural aesthetics
- ▶ Superior resilience
- ▶ Perfect for domestic and commercial landscape applications

MORE PRODUCT INFORMATION IS AVAILABLE UPON REQUEST



# LANDSCAPE



For the perfect landscape, surface use **DLG® Thatch**. With a natural look and feel, **DLG® Thatch** provides a realistic, lush, multi-dimensional aspect for your domestic or commercial requirements.

In addition to numerous DTex and bulk options available, this yarn can be made in various colours, so the potential for your perfect garden is limitless.

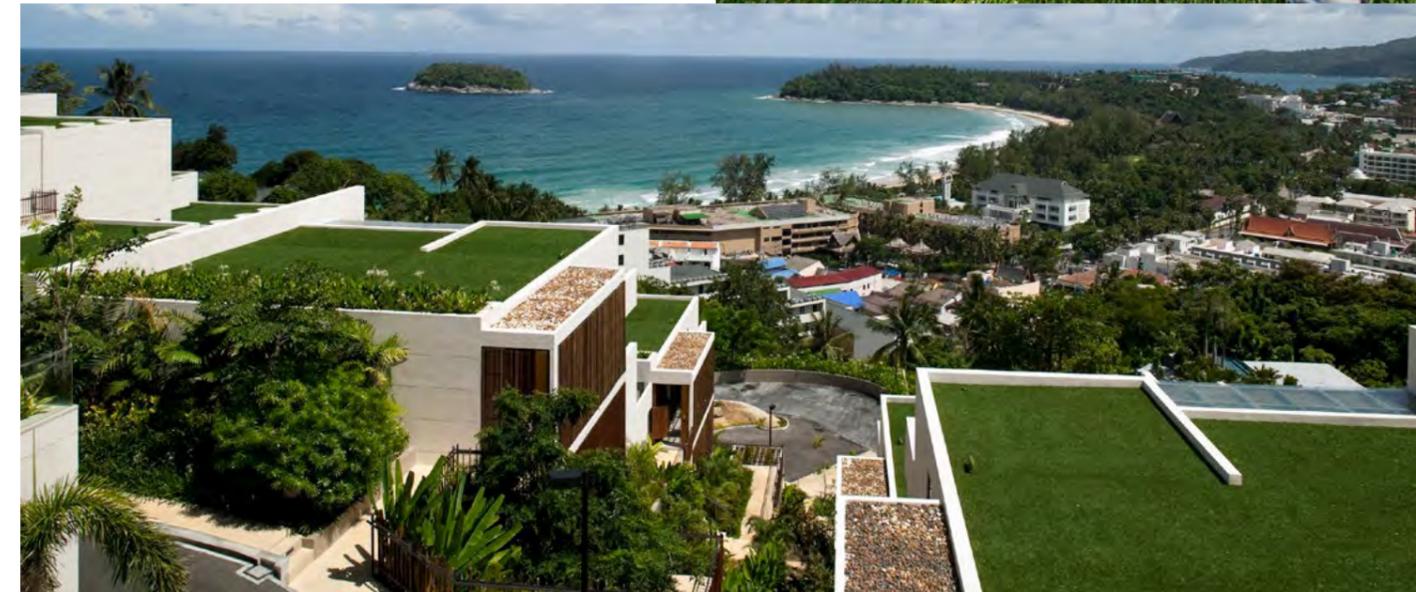
## ADVANTAGES

- ▶ Exceptional durability
- ▶ Multiple cross-section availability
- ▶ Outstanding versatility
- ▶ Enhanced softness
- ▶ Perfect for landscape architecture

MORE PRODUCT INFORMATION IS AVAILABLE UPON REQUEST

## APPLICATIONS:

- LANDSCAPE ARCHITECTURE
- COMMERCIAL PROJECTS
- RESIDENTIAL PROJECTS
- PLAY AREAS
- PET AREAS



# SUPERIOR PERFORMANCE



**STRONG  
PRODUCTS**



## AT THE HEART OF WHAT WE DO

Our philosophy is to treat each Don & Low customer as a partner, turning your great ideas into realistic, reliable, and cost-effective everyday solutions.

We adopt a creative approach to all areas of R&D, recognising how critical it is to bring new products and services to the market quickly and efficiently.

We will take care of all the technical details to ensure we deliver your application requirements providing products with enhanced performance, durability, and longevity. We invite you to challenge us to provide innovative solutions and value-added products for your synthetic turf system.



Discover the possibilities...



**Don & Low**

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