

AQUAFIL 

designed for life



Designed for Life

Econyl is a unique yarn used in the creation of extraordinary carpets

What makes it so?

Econyl is manufactured using post-industrial and post-consumer Polyamide 6 waste, making it 100% sustainable with no loss in performance whatsoever. Econyl can be Solution Dyed or can be coloured using Space-Dyeing technology.

How is this process achieved?

Polyamide 6 waste is up-cycled into virgin polymer material in such a way that none of its original style, performance or recyclability is forfeited.



100%
sustainable

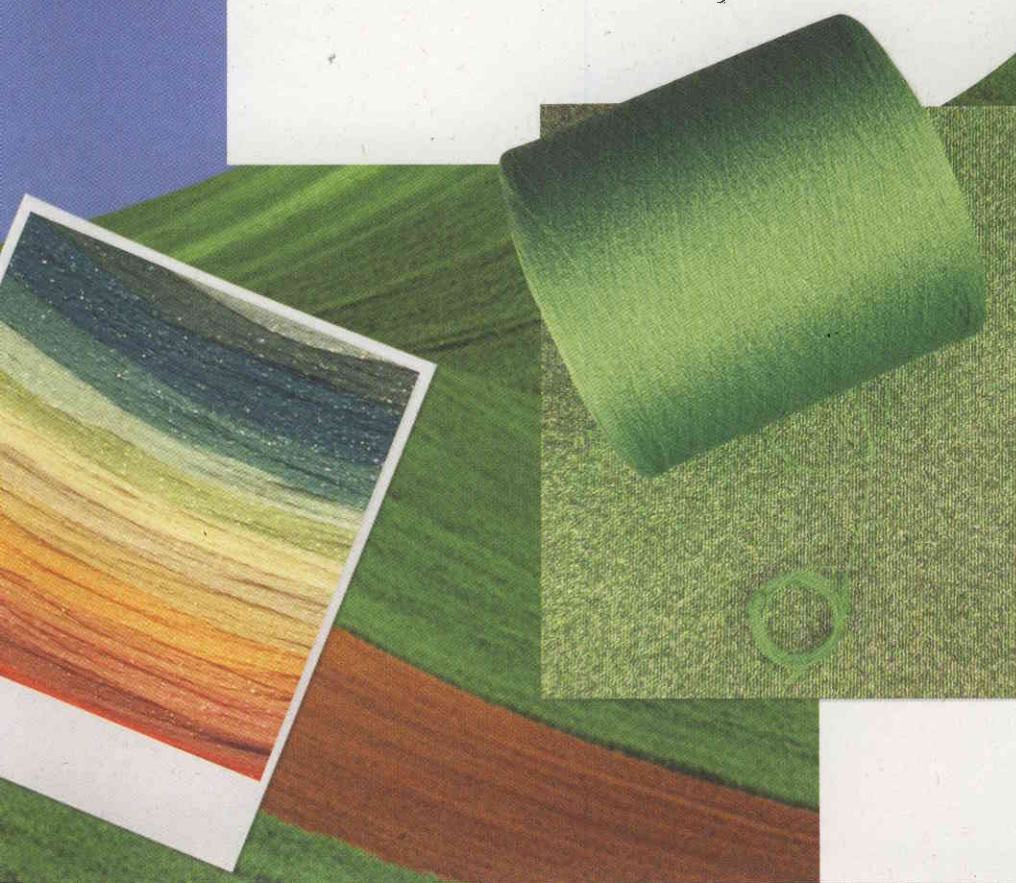
Econyl Solution Dyed Yarn

Available in 64 colours and two yarn counts, 700 and 1000 dtex

From basic black to whites and everything in-between. The colour range offers a wonderful balance of warm and cool colours, all delivering a plethora of design possibilities, each tailored to your individual requirements.

Econyl Solution Dyed stain resistance is inherent to the polymer and is therefore permanent and not affected by wear and tear caused by washing or abrasion.

Econyl Solution Dyed also allows for stain removal by simply applying bleach cleaning solutions, making your carpet easier to maintain.



Enduring performance + mi

Our Space Dyeing Technology

A World of Colour Possibilities

If you are looking for something unique, Econyl can be Space Dyed to suit your exclusive requirements, no matter what you might be looking for.

Be the need to use a variety of colours and/or variable combinations thereof, we will tailor a solution that is not only aesthetically beautiful, but equally functional and, most importantly, ecologically sound.



Minimal ecological impact = sustainable quality of life

Performance Certification



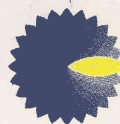
Design Flexibility

Being available in both Solution Dyed, in 700 and 1000 dtex, and Space Dyed with no colour limitations, Econyl offers extensive possibilities for extreme creativity in carpet design and colouration.



Attribute Retention

The proprietary recycling process by Aquafil, allows the up-cycling of post-industrial and post-consumer Polyamide 6 waste, thus making Econyl 100% sustainable with no loss in performance whatsoever. It can be used in both cut-pile and loop-pile constructions for the production of carpets for high traffic areas.



Colour Range

Econyl is available in 64 vibrant Solution Dyed colours selected to exploit almost all shade options. The Space Dyeing technology offers tailor-made solutions to suit the designers' exclusive requirements.



Colour Fastness

Econyl Solution Dyed yarn colours are created from individual non-photosensitive and non-soluble pigments, thereby guaranteeing extreme light, water, shampoo and bleach fastness (ISO105).



Soiling

Econyl's unique tri-lobal filament cross-section reduces soil adhesion, making soil removal easier and less visible. With a regular cleaning programme in place, carpets can retain their original look and texture for an extended period.



Sound Absorption

The installation of carpets is a key factor in acoustic management. Econyl carpets contribute substantially to personal health and comfort by reducing noise from in and outside the room.



Enduring Performance

Carpets made from Econyl yarn will exceed expectations in performance, aesthetics and durability. Carpets will last longer and therefore contribute to a lighter carbon footprint over time.



Stain Resistance

Econyl Solution Dyed special polymer repels acid stains, minimizing their chemical adhesion. However, if stain setting occurred, the use of 3% bleach containing solution, or oxygen-active solutions, followed by a proper water rinsing, will make your carpet easy to clean.



Healthcare Sector

The use of Econyl solution dyed yarn is recommended in the healthcare sector where carpet cleaning and disinfection are particularly aggressive. Using bleach-rich products on Econyl carpets no polymer or colour degradation occurs.



Environmental Impact

Econyl is produced from recycled, post-industrial and post-consumer Polyamide 6 waste, and is fully recyclable at the end of its life. The proprietary recycling process is economically and ecologically sustainable.



Safety

All Econyl yarns are certified with the Oeko-Tex® label to provide the highest level of safety when used in schools and children's room applications, or wherever contact may occur.



Econyl is certified by Det Norske Veritas





Aquafil S.p.A

Via Linfano 9 - 38062 Arco - Trento - Italy
T + 39 0464 581111 F + 39 0464 532267
W www.aquafil.com E info@aquafil.com