

COATED YARN SOLUTIONS

COATED YARN SOLUTIONS[®]

A LOOK INTO THE FUTURE

100% MADE IN ITALY

ABOUT US

Coatyarn was founded from the expertise of our CEOs, who made it a reality after harvesting knowledge in the technical and fashion textile world for decades: their unique knowledge, together with a new and dynamic spin, made of Coatyarn what it is today: a leading manufacturer of coated yarns.

COATYARN[®]
COATED YARN SOLUTIONS



**TPU
EVOLUTION®**

**100% Italian made
thermoplastic polyurethane
yarn**

- 100% recyclable
- Exceptionally UV stable
- Amazing Color enhancement
- Sensationally soft to the touch
- Over 30 colors available
- Counts available starting from 330 dtex

Excellent resistance to:

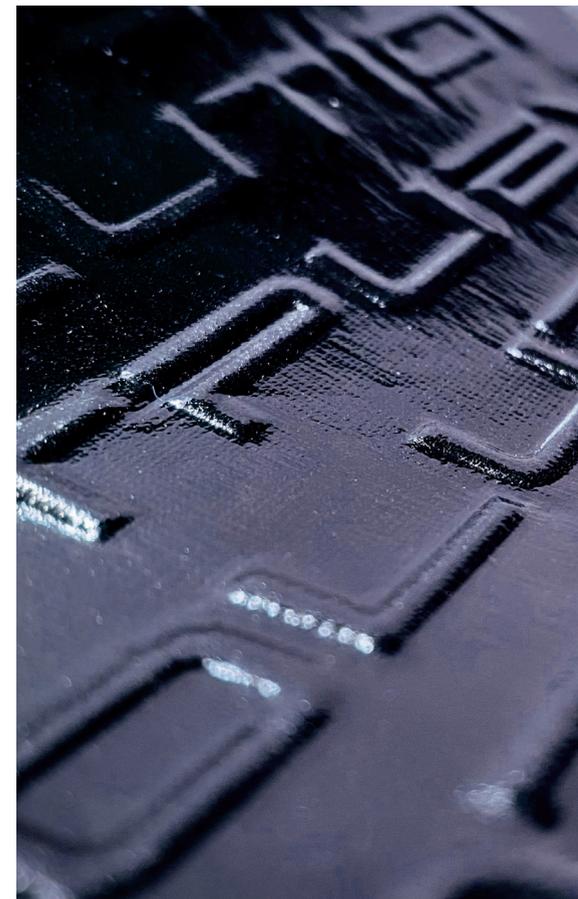
- Abrasion
- Hydrolysis
- Microbial attack
- Solvents
- Oils and fats

Thermal moldable, one of the many reasons why a single product can give life to spectacular and diversified effects applicable to the most varied sectors.

One product, many versions:

- Real Manopesca
- Lamination
- Strong Lamination

For each version 3 effects: matt, glossy or extra glossy.



TPU EVOLUTION®

Knitted fashion

- Sweaters, skirts, shirts, pants, undergarments
- Knitted shoe uppers

Fabrics

- High performance fashion and technical fabrics
- Fabrics for protective garments

Accessories

- Scarves
- Hats
- Bands
- Ribbons
- Labels

Shoes

- Trekking shoes
- Shoes for the outdoors
- Sneakers

Bags

- Backpacks
- Suitcases
- Pouches
- Baby carriers

Safety

- Workwear
- Safety shoes

Automotive

- Car seats
- Interiors

Indoor and outdoor furniture

- Sofas
- Deck chairs
- Carpets
- Cushions ... and more!





COATED YARN INDUSTRIAL

Technical yarns coated with the most performant thermoplastic polymers for the industrial world

Available cores:

- Glass fibre
- Stainless steel
- Aramid fibre
- Basalt fibre
- Carbon fibre
- Cordura
- Polyester
- UHMWPE
- and more customisable cores

Available coats:

- Co-Pa Polyamide low melt, bio-based
- EVA Ethylene-vinyl acetate
- Co-Pes Polyester low melt
- PA 12 Polyamide 12
- PP Polypropylene
- TPU Thermoplastic Polyurethane
- PEEK Polyether ether ketone
- and more customisable coats

Customisable counts and core/coat combinations available.



COATED YARN INDUSTRIAL

**UD, Multiaxial, NCF Fabrics and Meshes
suitable for a variety of fields:**

- Composites
- Military and Ballistics
- Structural reinforcement of buildings and infrastructures
- Cables
- Nets
- Ropes
- Workwear
- Industrial gaskets
- Transportation
- Telecommunications
- Automotive
- Aerospace
- Marine

APPLICATIONS

OUR TECHNOLOGY

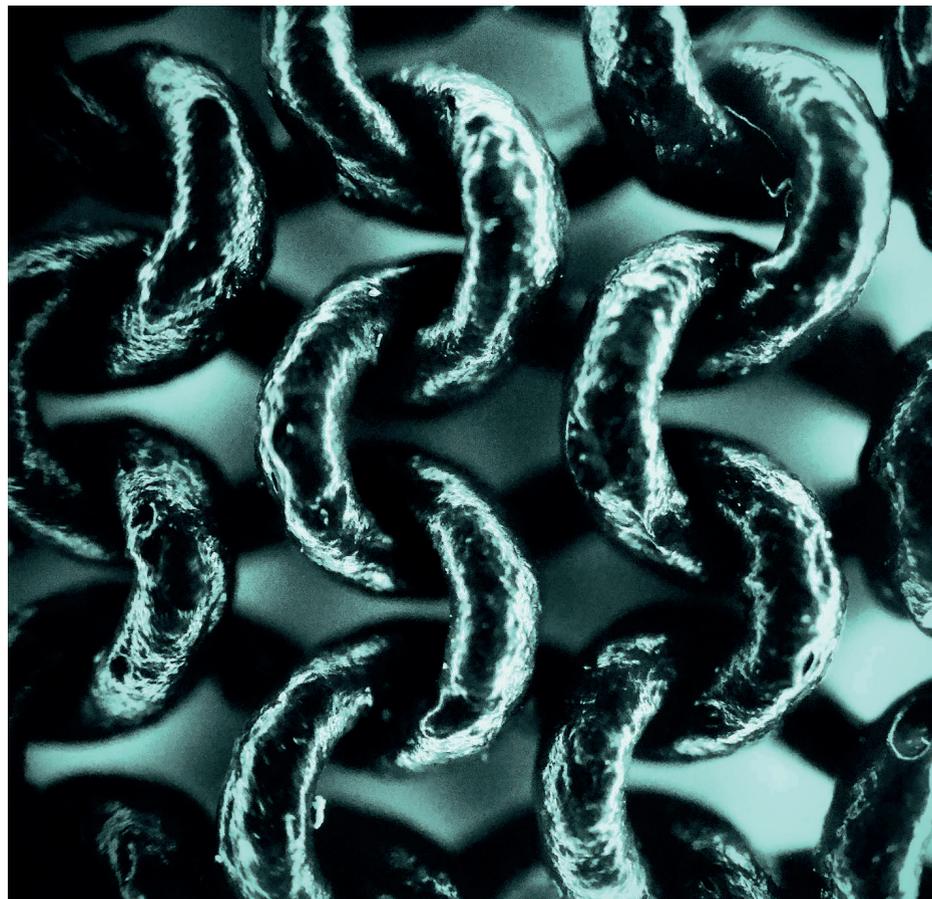
All of Coatyarn's production is manufactured with the latest technology machinery, specifically designed by our qualified engineers in order to maximise performance and quality of the end product.

The application of the Industry 4.0 standard has led to a full digitalization of the production process, allowing every single operation to be monitored, controlled and handled remotely.

This all-scale digital avantguard ensures that our yarn undergoes more than 12 quality checks performed by our technicians before being delivered to the customer.

Our sophisticated, state-of-the-art machines and laser systems perform a series of checks ranging from the identification of surface imperfections to the Lab assessment of physical-chemical properties and technical features of the yarn.

Needless to say, the human component is always invaluable in reassessing and perfecting the results, thus maximising all chances for success.



OUR BEST PART

It's the people who make a company what it is.

At Coatyarn, it's Team work that matters: the Team is our most precious resource.

Everyone contributes to our success in a different way according to their own abilities.

We believe in today's youth, and the average age at Coatyarn is 35: from machine operators to our engineers and employees, we all recognise the importance of new ideas, fresh perspectives and, above all, cooperation.

Everyone is encouraged to share their ideas, this is our motto!

Every project is important to us, no matter if big or small: we take Customers' needs at heart.

We aim at creating long lasting partnerships as a way to grow and develop business together, in the same way, we consider our Suppliers as partners; we plan, share, create and collaborate together over time in order to reach a common goal.

You are welcome to visit us anytime for a chat with yarn-passionate people!

OUR GREEN CHOICE

We mean it.

At Coatyarn we care for the environment and try to make our products as sustainable as possible: TPU Evolution® is 100% recyclable and can be melted into granules, which can give life to new creations.

From the very beginning Coatyarn has been equipped with the highest technology machineries: the automated production line moves the yarns along belts using a low energy system.

We chose to expand the lighting surface in the building so to allow natural light to prevail.

LED lamps in the production space contribute

to a reduced energy impact.

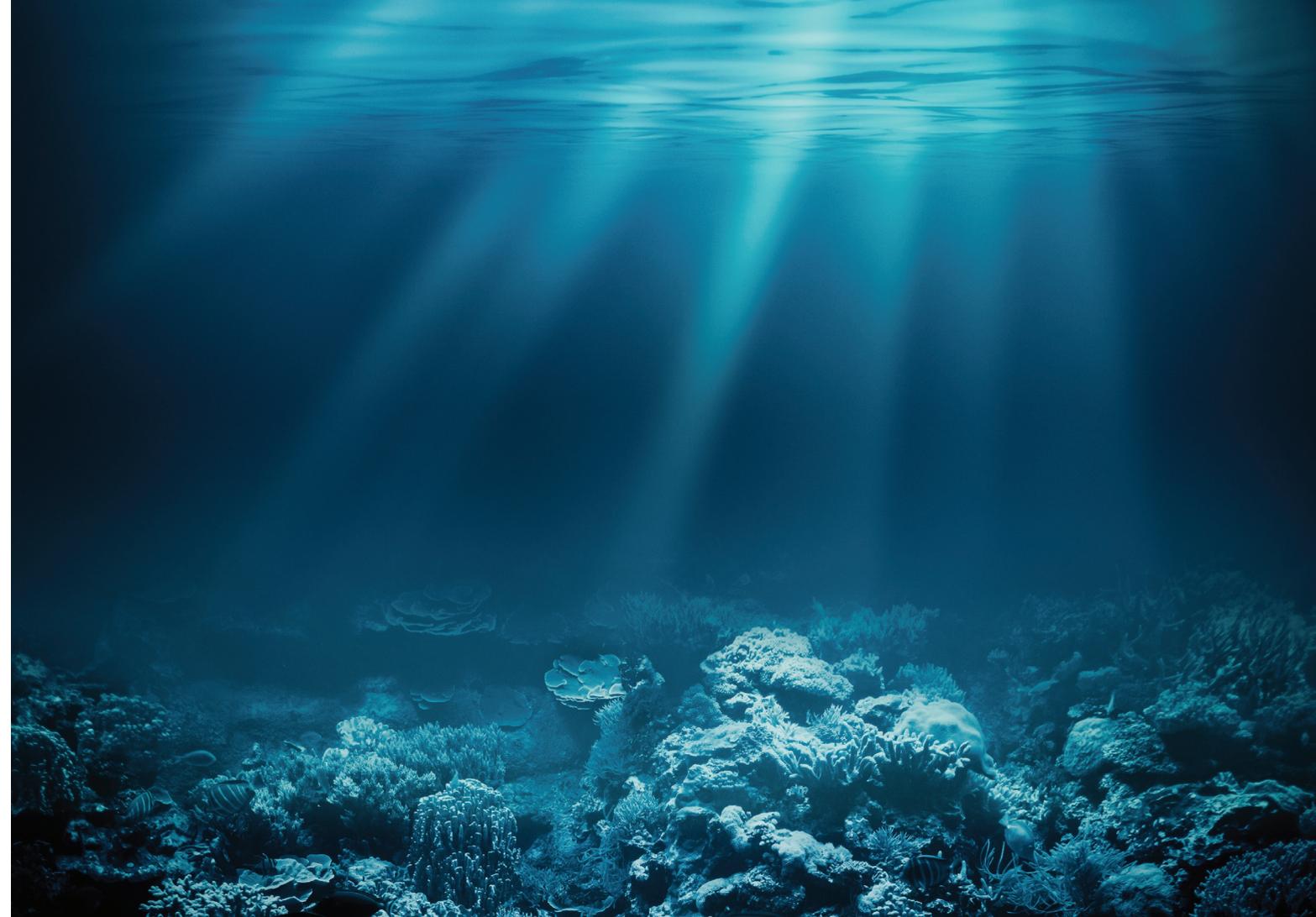
Our yarns are supplied ready for use and do not require further processing.

TPU Evolution® yarn is also available with a recycled PET core derived from plastic bottles recovered from the ocean, which is GRS -Global Recycling Standard-certified, and guarantees the full performances of conventional PET.

In full respect of the environment beginning-to-end of production, we also thought of a form of packaging as natural as possible, entirely made of recyclable cardboard and paper.

TPU Evolution® is Oeko-tex Class I certified, completely solvent-free and non-toxic.
Coated Yarn Industrial is proudly Reach certified.
Colors are produced with water-free technology.
Zero waste is the motto of our production process, perfected to the point of making full use of raw materials and eliminating waste.

OEKO-TEX®
 CONFIDENCE IN TEXTILES
STANDARD 100 
 21CX00013 CENTROCOT
 Tested for harmful substances.
www.oeko-tex.com/standard100





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