



ANTEX Fibres

Introduction

With the aim of expanding our range of textile products, as of the 1st of January 2021, Antex Fibres was born. This new commitment represents a further step in our move towards offering sustainable market solutions.

This new activity has been built on the basis of an existing company (Inquitex and later Eko-REC) with more than 50 years of experience in the world of fibre.

By combining synergies from both companies, the objective is to consolidate and strengthen current fibre markets and to develop new products and applications by combining our vast experience and knowledge of both fibres and filaments.

Thanks to the group's recycling capacity and machinery, Antex Fibres can offer a wide range of products which are 100% recycled from post-consumer waste and at the same time help manage post-industrial waste from the textile and packaging sector.

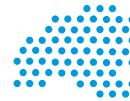
We aim to move towards “Zero Waste Production” systems, transforming the textile industry into a greener industry that helps to preserve the environment.

Environment

We have machinery for the recycling of post-industrial and post-consumer products. This technology allows us to re-use waste from the textile and plastic chain and to subsequently give it a second life in the form of fibre, and to then reintroduce it into the textile chain. In this way we actively participate in the transformation of our sector towards a circular economy.

The fibre colouring process is also carried out by means of environmentally friendly technology. The colour is incorporated via Master Batch during the extrusion and spinning process, so that significant savings in water use, energy consumption and CO2 emissions are achieved.

The usage of recycled materials represents:



More than a **50% reduction** in CO2 emissions (global warming)



More than a **40% reduction** in water consumption



More than a **45% reduction** in energy use

Sectors / Applications

Depending on the thickness, length, and properties of the fibre, it can be used in multiple applications.

These are some of the sectors in which our fibre is used.

Automotive

Filling

Filtration

Cleaning



R&D / Quality

In order to develop new specialities and tailor made fibres, we have a Pilot Plant equipped with the same technology as the industrial production machines.

It is a flexible machine that allows the production of small batches of 100/200 kg/h.

In our laboratories we measure and validate the main parameters of the raw materials and fibres obtained, in order to fulfil customer requirements.

UNE-ISO 9001:2015 and Oeko-Tex® Standard 100 certifications.



Materials & Products

We produce polyester and polipropilene fibres adapted to the requirements of each application:

- Counts from 3.3 to 20 dtex
- Length from 40 to 120mm
- Level of crimp according to customer needs
- Antimony free polyester available

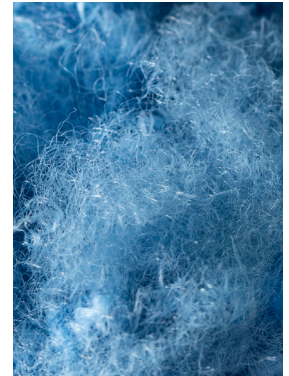
Seaqual Fibre

As a partner of SEAQUAL Initiative we can offer recycled polyester fibres with marine plastic content, thereby helping to maintain our seas and oceans clean and to protect the wildlife that live in them.



Ynviron Fibre

Synthetic polymer fibres derived from both industrial waste and the packaging industry, specially designed to suit the requirements of each application and to meet all quality standards.



Yarnaway Fibre

Biodegradation is one of the options to combat the amount of plastic waste that ends up in landfills. Yarnaway fibres offer a unique solution to increase biodegradation in biologically active landfills.



Yarnback Fibre

In order to help close the textile recycling loop, we recycle waste from different stages of the textile chain and incorporate it into our fibres so that they may be reused in high quality products.



Ynmas Fibre

Colour fibres tailor made for the client. Based on pigments applied into the polymer during the extrusion process, which guarantees good fastness and colour stability properties. This process is of great environmental benefit in terms of water, energy and CO2 emissions.



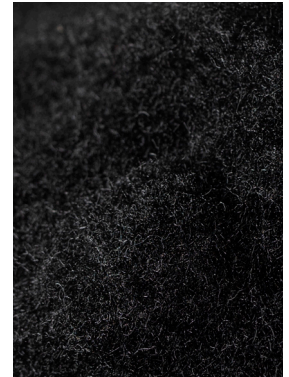
Flame Retardant Fibre

Family of polyester-recycled fibres which, thanks to the incorporation of non-halogenated additives, acquire flame-retardant properties.



Anti-Flash Fibre

Specially pigmented fibres that reduce the occurrence of electric arcing and the defects caused by this during the part production process.





ANTEX FIBRES

Barrio Sorabilla s/n
20140 Andoain
Gipuzkoa, Spain

+34 972 438 300
antexfibres@antex.net

antex.net