

PEFC

PEFC is an international initiative present in over 90 countries around the world that ensures sustainable forest management and traceability of woody and cellulose based products.

One of the objectives of the PEFC is to improve the image of forestry and forestry chains (including cellulosic textile fibers) by providing a market tool that allows to characterize as sustainable the forestry based products (including also the clothing and footwear).

In Italy, PEFC is supported by 12 autonomous regions and provinces, from forest and plantations owners', end-users consumers, free professionals and from all the industry, crafts and environmentalists World.

PEFC is your guarantee that raw material of forest origin comes from forests managed in a sustainable way.



| PEFC

| Certification and
| chain custody

| "Forest4Fashion"



PEFC Italy

Strada dei loggi, 22

06135 Perugia

+39 075.7824825

+39 075.5997295

info@pefc.it

www.pefc.it



Certified Forests

Sustainable forest management allows you to use timber without reducing their capacity for growth and biodiversity. Each cut plant has at least three replanted.

Which and what are the fibers of forestry origin?

The most popular cellulose fibers on the market are Viscose, Modal and Lyocell. They are artificial chemical fibers and are extracted from wood through a chemical process. With the advancement of technology, extraction processes have become increasingly more sustainable, with the use of completely non-polluting reagents. They are a clean alternative to other synthetic fibers (derived from petroleum) and also to cotton. The starting material for production is eucalyptus and beech wood from sustainable managed forests, certified PEFC.

Wood Chips

The tree is cut down and barked. The chipper then transforms the wood into small pieces of a few centimeters.



Cellulose Pulp

The wood is softened with chemical digesters, washed, bleached and coiled through coils to create rolls (about 227 kg each) of cellulose. This, past through a filter, looks like raw wool.



THE PRODUCTION OF FABRICS OF FOREST ORIGIN CONSUMES 1/3 OF THE ENERGY AND 60 TIMES LESS WATER THAN THE SAME PRODUCTION OF COTTON FABRICS

Yarn

The cellulose is passed through the threads, taking a filamentous shape, and then collected in spools.



Fabric

The yarn is now suitable for making fabrics. The next step is the most fascinating part of this chain, where the forestry fabric becomes art and creativity.



Companies that transform woody raw material up to the fabric must have a traceability certification. This guarantees the final consumer the legal and sustainable origin of PEFC certified dress or product.