

Organic & Environmentally sustainable fabrics

The project

Since many years TESEO has made Sustainability a key priority throughout its **100% Made in Italy** production. Already in 2013 TESEO started developing a line of Organic Silks, and the Company has achieved the **GOTS certification** in 2014.

To date TESEO produces a range of **GOTS certified 100% Organic** fabrics:

- Organza; Satin; Crepe de Chine; Georgette; Habetai; Crepon; Twill – 100% Organic Silk
- Shirting – Organic Cotton/Silk
- Shirting – 100% Organic Cotton; plain, yarn-dyed and jaquard

Starting from the same organic yarns, TESEO has certified further articles with GOTS. The mill is able to offer further qualities of Organza and Silks, to be produced by TESEO on demand – quotations and minimum quantities will have to be agreed at the time of customers' request.

In recent years TESEO has also introduced other **environmentally sustainable fabrics**:

- articles with sustainable yarns such as (pre-consumer) **recycled Linen** or **recycled Cotton Ecotec®**
- winter articles with **Organic Wool** (GOTS certified wool yarn)
- articles woven on **Nylon warp of organic origin** (Nylon yarn produced with plant-oil)
- the **Viscose** we use is predominantly **FSC certified**

What is GOTS certified Organic Silk?

Organic silk is **environmentally friendly** and **socially responsible throughout the whole production process**: the GOTS certification covers the entire production cycle: from the yarns (cultivation of mulberry trees, silk worm breeding, spinning and twisting), to the weaving within the TESEO Mill, to the final phases of dyeing and finishing, all processes must comply with stringent social criteria in order to earn the label of "Organic Silk".

In particular:

-**YARN**: GOTS certified yarn is environmentally sustainable and of the "Mulberry" type. The main feature that differentiates the traditional silk yarn from the Organic Silk is the dynamic cultivation method and the feeding of the silk worms. This, in addition to preserving and improving the conditions of the environment in a sustainable way, takes place without the use of any harmful substances (e.g. Insecticides and pesticides).

-**WEAVING**: also the weaving process in our Mill takes place without the use of any chemical substances.

-**DYEING**: Our raw fabrics are then finished according to strict GOTS environmental and toxicological criteria. In fact, we use only those substances and those eco-friendly dyes approved by GOTS certificate.