



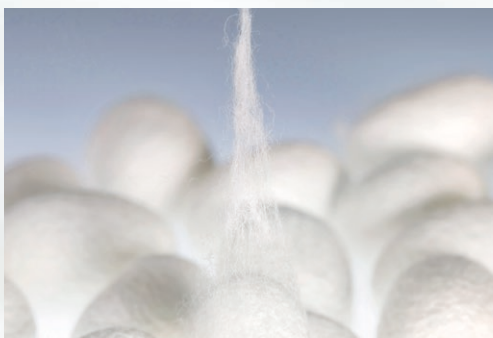
 **Cosetex**
silk you don't expect



SETA: MATERIA PRIMA. E UNICA.

Silk. The incredible fibre

Silk was known for its outstanding characteristics already in the ancient times. Using innovative technologies, Cosetex makes it yet more valuable.



History - Cosetex carefully preserves our history of silk and keeps it alive. For more than 120 years we have been putting together our know-how, traditions, trade secrets, process knowledge, and research results. It is a history which can be placed into a bigger picture — the history of silk as fibre used by humans, traced by some scholars back to 3,000 BC.

Properties - Silk is a unique and exclusive fibre. It isolates from heat and cold, makes an excellent thermal insulation, absorbs excess of humidity and quickly releases into the environment. It does an excellent job of thermoregulating, and it is exceptional in its breathability. Silk is a light, elastic, resistant material, not prone to pilling, and it can adapt its own structure to the morphology of the human body. Other properties include being naturally hypoallergenic, antibacterial, perfectly compatible with the human skin, antioxidant and anti-aging.

Innovation - If you want to find innovative uses for a natural fibre like silk, you need to know all about its qualities and history of production. Such were our baselines, and from there on Cosetex has developed know-how and technologies which are now protected by international trademarks and patents. We look into the future as we find more innovative strategies every day to rely on in order to highlight and make the best out of the most outstanding characteristics of silk. It also means new uses, new products, and new markets.

Environment - Silk is a highly eco-sustainable product. It is renewable, recyclable and biocompatible. A very low level of environmental impact is ensured at every stage of its production. It does not contribute to pollution of the soil, and has positive impact on the agricultural production areas. Its production cycle does not require intensive use of chemical agents and/or fertilizers. Silk does not release toxic substances in the environment and/or microfibre pollutants for the ecosystem.

Nature gives us knowledge, experience brings perfection



The variety of products

Cocoons, waste and semi-finished goods in natural silk

- Silk worm cocoons for display: intact, flickering, cut, unwound and degummed;
- Natural silk waste: mulberry, tussah, eri, muga;
- Oblong, wadding, “Hankies” in mulberry, tussah and eri silk;
- Noil mulberry, tussah, eri silk with long and short fibre, raw and bleached, small or large naps;
- Silk fibre mulberry, tussah and eri parallelized open fibre;
- Blends in different percentages with other fibres, both natural (cashmere, wool, cotton, alpaca, yak, hemp, linen, camel) and synthetic (modal, micromodal etc)



Slivers in natural silk

- Carded mulberry and tussah silk slivers, with or without effects;
- Carded slivers from mulberry and tussah silk blended with other fibres in different percentages, both natural (cashmere, wool, cotton, alpaca, yak, hemp, linen, camel) and synthetic (modal, micromodal etc).



Applications and innovation



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T.Silk® | Thermo silk
Organic silk.
High-performance natural filling.
T.Silk® is a patent protecting
results of Cosetex research.



Yarn

Raw materials for spinning
Wool / cotton wool / hand knitting
Special yarns and standard yarns



Home textile

Padding for quilts and blankets *
Yarns for carpets and rugs
Innovative fabrics for
Home Textile bed system



Accessories

Filling *
Padded accessories *
Scarves



Clothing

Filling *
Thermoregulating membranes *



Technical apparel

Underwear
Technical jerseys
Thermoregulating running shirts



Biomedical and Cosmetics

Sericin and fibroin
Medical devices
Stabilizing biomaterials

Combed slivers in natural silk

- Mulberry A1 / B2 / C3 / D4 /no brand sliver also broken at different lengths;
- Mulberry sliver dyed, cut, cut and open;
- Combed slivers in tussah silk: natural, semi white, white, re-broken, dyed, cut, open, dyed;
- Eri and muga slivers;
- Mulberry, tussah, eri, muga blended in different percentages with other fibres in different percentages, both natural (cashmere, wool, cotton, alpaca, yak, hemp, linen, camel) and synthetic (modal, micromodal etc) in continuous sliver, cut, cut and felted, dyed.



Special yarns and standard yarns

- A complete Shappe silk yarns' range, whether raw or dyed:
Nm 2/60 - 2/120 - 2/140 - 2/200 - 2/220 - 2/240;
- Silk yarns in different counts and twists for special use;
- Silk yarns in different counts and twists mixed for special purposes with other fibres, both natural and synthetic;
- Silk filament yarn.



**Naturally
sustainable**



Cosetex adheres to the TFashion standards of Traceability



Cosetex received the Oeko-Tex Standard 100 certification



Cosetex produces discontinuous silk fibre which is 100% cruelty free



100% Organic Silk
Certified by ICEA
(GOTS 2018-119)



Cosetex silk is organic and recyclable certified

Silk is a highly renewable and eco-sustainable product. Its negative environmental impact is low, while it has a positive effect on agricultural production regions.



CERTIFIED
BIODEGRADABLE



CPSILK
CRUELTY FREE



100% Organic Silk
Certified by ICEA
(GOTS 2018-119)



Traceability & Fashion

OEKO-TEX®
CONFIDENCE IN TEXTILES
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16CK00033 CENTROCOT
Tested for harmful substances.
www.oeko-tex.com/standard100



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