

THE CONSCIOUS COLLECTION

An entire ECO-SUSTAINABLE collection





Paying attention to the sustainability of consumption and production is one of the themes that influences society in this century, as is the awareness to limit the use of natural resources, that must be protected and preserved.

Fashion is one of the sectors that most uses the natural and human resources of our planet and, for this reason, it is increasingly urgent to modify our materials and production methods

We, **Centro Accessori**, want to do our part. We want to inspire our partners and show that fashion can be eco-friendly in our raw materials and finished products, and can be at the center of a circular economy with very low environmental impact. On the following pages you will find the first complete collection of eco-sustainable products for footwear and leather goods, present on the market.

The **Conscious Collection** is inspired by the breathtaking beauty of nature and our responsibility to preserve it. We commit to research sustainable and recyclable products with a neutral CO2 emission or biodegradable, with the lowest possible environmental impact. We constantly test innovative materials, support small start-ups to discover new possibilities for the fashion industry. Our aim is to set new standards in the production of accessories and create new products and environmentally sustainable production techniques.

Centro Accessori supports this collection with the **17 Sustainable Development Goals** established by the UN and achievable by 2030.



Be part of the change!



Environmental sustainability is synonymous with **Circular Economy** and its implementation requires fashion designers to commit to designing products that, at the end of their life cycle, can be recycled or composted. It is up to the designers to choose materials that can be subsequently returned to the production cycle or that can minimize the impact on the environment, without generating landfill waste.

Centro Accessori wants to be your **competitive factor** for the sustainability of your collections. To support all aspects of sustainability, we have declined our product collection into:

GREEN Collection

It represents our proposal of eco-friendly products for fashion production, with a particular focus on natural, organic, sustainable, non-toxic and biodegradable raw materials, which guarantee a minimum environmental impact at the end of their life cycle.

REBORN Collection

Our search for recycled materials allowed us to give them a second life as raw materials and accessories for footwear and leather goods. The aim is to eliminate the amount of materials that would fill the landfills. We focus on recycled and recyclable raw materials of different types, tested and certified. We are constantly looking for innovative materials, also supporting niche pilot projects aimed at creating new paths for the fashion industry.

Our proposal therefore includes new concept materials, which have been carefully tested to guarantee the highest quality and suitability for use in the fashion world. We let ourselves be inspired by ideas outside our sector, discovering interesting innovations that challenge the state of the art and generate new eco-sustainable possibilities for the whole fashion world.

The eco-sustainability of a product depends on its production process and the origin of its raw materials. At the moment there is no universally accepted standard that establishes the characteristics necessary for a product to be defined as "environmentally sustainable".

Certifications

However, there are several standards that verify if a product respects, in its characteristics or in its production methods, some of the principles and practices of eco-sustainability. Below we briefly illustrate some of the most widespread.

OEKO-TEX®

OEKO-TEX® CONFIDENCE IN TEXTILES STANDARD 100

The OEKO-TEX[®] test and certification system offers a uniform and scientifically proven assessment standard for the human-ecological safety of textile products, in terms of toxicity. The OEKO-TEX[®] label indicates to end consumers that clothing and other certified textile products have been analyzed to assess their absence of toxicity and harmlessness to human health and the environment.



The Global Organic Textile Standard has been developed by leading international organizations in organic farming in order to guarantee consumers that organic textile products are obtained in compliance with stringent environmental and social criteria applied to all levels of production: from harvesting in the field of natural fibers to the subsequent manufacturing phases, up to the labeling of the finished product. They can be certified according to GOTS: textiles, manufacturing, chemicals for the textile industry.



GOTS



The Global Recycle Standard provides for the release of a verified environmental statement that proves the content of product recycling materials (both intermediate and finished) and compliance with environmental and social criteria at all stages of the production chain. All products that are composed of at least 20% pre-consumer and post-consumer recycling materials can be GRS certified.

There are other protocols and certifications aimed at verifying the sustainability of the products. The aspect, in our opinion, is fundamental to make this information available to the final consumer to favor an **informed choice**.

the CONSCIOUS COLLECTION

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Key-Words



Bio-based

Biodegradable



Vegan



6

Our reinforcements combine the natural cotton, a biodegradable, regenerable and recyclable material, with the innovation of a completely biodegradable thermal activation adhesive.

JERSEY 170 TP/BIO

Reinforcement for stitching and strengthening of the leather.

Composition: 100% Cotton Weight: 110 gr / sqm Height: 150cm Adhesive: Thermal Biodegradable Pressure: 3 bar Temp. and time: 60 ° C - 6 sec

Reinforcements Green

Biodegradable – Vegan – Non-toxic

JERSEY 300 TP/BIO

Reinforcement for stitching and strengthening of the leather.

Composition: 100% Cotton Weight: 200 gr / sqm Height: 150cm Adhesive: Thermal biodegradable Pressure: 3 bar Temp. and time: 60°C - 6 sec.

Biodegradable - Vegan - Non-toxic

BRUSHED FELIX TP/BIO

Reinforcement for shoes suitable for calf leather, nubuck and suede.

Composition: 100% Cotton Weight: 90 gr / sqm Height: 150cm Adhesive: Biodegradable thermal Pressure: 3 bar Temp. and time: 60 ° C - 6 sec

Biodegradable – Vegan – Non-toxic



DRILL TP/BIO

Resistant reinforcement for the upper.

Composition: 100% Cotton Weight: 350 gr / sqm Height: 150cm Adhesive: Biodegradable thermal Pressure: 3 bar Temp. and time: 60 ° C - 6 sec

Biodegradable - Vegan - Non-toxic

REPS TP/BIO

Leather reinforcement for the upper.

Composition: 100% Cotton Weight: 195 gr / sqm Height: 150cm Adhesive: Biodegradable thermal Pressure: 3 bar Temp. and time: 60 ° C - 6 sec.

Biodegradable - Vegan - Non-toxic

CANAPINA TP/BIO

Reinforcement for the shoe suitable for calf leather, nubuck and suede

Composition: 100% Cotton Weight: 145 gr / sqm Height: 150cm Adhesive: Biodegradable thermal Pressure: 3 bar Temp. and time: 60 ° C - 6 sec. c.

Biodegradable – Vegan – Non-toxic



An innovative range of padding composed of polyester entirely recycled from PET bottles. REBORN padding guarantee softness, high thermal comfort and excellent durability.

COMFORTEMP XR13

Padding material with high thermal comfort, high breathability and softness. It can be washed without compromising its consistency and volume.

Composition: 100% rPET Weight: from 60 to 200 gr / sqm Thickness: from 6 to 23 mm Height: 155 cm Colors: White Cert. Oeko-Tex 100 Class I

Recycled – Recyclable – Vegan – Non-toxic

COMFORTEMP X14

Padding material with excellent thermal comfort, high durability and bulkiness.

Composition: 45% rPET, 55% PES Weight: from 40 to 200 gr / sqm Thickness: from 7 to 22 mm Height: 160 cm Colors: White **Cert. Oeko-Tex 100 Class I**

Recycled – Recyclable – Vegan – Non-toxic

COMFORTEMP X10

Non-woven padding material, with high thermal comfort even at extreme temperatures. It gives comfort, bulkiness and high durability to the products.

Composition: 100% PES Weight: from 40 to 200 gr / sqm Thickness: from 6 to 24 mm Height: 155 cm Colors: White **Cert. Oeko-Tex 100 Class I**

Recyclable – Vegan – Non-toxic



From the recycled and expertly worked polyester comes the Reborn yarn, a 3-ply twisted thread that guarantees maximum toughness and high flowability.

At the moment our yarns are in an advanced phase of experimentation, up to the test level. This will soon allow them to be placed on the market, with the best features.







The ecological adhesives developed in the laboratories of our key partner Industrie Chimiche Forestali, are all water based and use polymers of natural or synthetic origin, based on the intended use. The water, evaporating during the production process, avoids the formation of volatile elements that are harmful to humans and cause air pollution, thus guaranteeing the best environmental friendliness of the bonding phases and a healthy and safe working environment.

LEATHER GOODS

ECHOPEL 751

Suitable for the attachment of linings, leather and fabric.

Base: Water Application: Brush, Spray Polymer: Natural rubber

Vegan – Eco-friendly – Bio-based

ECHOPEL 751/M

Suitable for the attachment of linings, leather and fabric.

Base: Water Application: Brush, Spray Polymer: Natural rubber

Vegan – Eco-friendly – Bio-based

ECHOPEL 710/F

Adhesive with long drying time for bonding with small leather goods, belt and bag factories. Suitable for leather and natural fabrics.

Base: Water Application: Spray Polymer: Polychloroprene





LEATHER GOODS

ECHOPEL 716

Adhesive with quick drying time for bonding in small leather goods, belt factories and bag factories. Suitable for leather and natural fabrics.

Base: Water Application: Roller, Spray Polymer: Polychloroprene

Vegan – Eco-friendly

ECHOPEL 730

Adhesive for spraying machine for small leather goods specific for attaching lining to pockets. Suitable for leather, natural and some synthetic fabrics.

Base: Water Application: Spray Polymer: Synthetic rubber

Vegan – Eco-friendly

ECHOPEL 741

High viscosity adhesive with long drying time and repositionability. Suitable for the coupling of natural and synthetic leather and fabrics.

Base: Water Application: Brush Polymer: Polychloroprene

Vegan – Eco-friendly

ECHOPEL 745

Low viscosity adhesive with long drying time and repositionability. Suitable for the coupling of natural and synthetic leather and fabrics.

Base: Water Application: Spray Polymer: Polychloroprene





LEATHER GOODS

ECHOPEL 753

Low viscosity adhesive to be used on two sides. Suitable for small leather goods and for the production of bags and belts.

Base: Water Application: Spray Polymer: Natural and synthetic

Vegan – Eco-friendly – Bio-based

ECHO PU 259/F

Medium-low viscosity adhesive, can be used without heat reactivation. Suitable for joining leather, synthetic materials and in the wrapping of heels and wedges in PU, PS, ABS.

Base: Water Application: Spray, Brush Polymer: Polyurethane

Vegan – Eco-friendly

ECHO PU 816

Medium viscosity adhesive, suitable for joining leather and synthetic materials.

Base: Water Application: Spray, Brush Polymer: Polyurethane





FOOTWEAR

ECHO P 201

Low viscosity adhesive with good initial slide. Suitable for insertion of cleaning insoles in the upper, as well as lining.

Base: Water Application: Roller, Brush Polymer: Polychloroprene

Vegan – Eco-friendly

ECHO P 208

High viscosity adhesive with good thermal resistance and quick drying time. Suitable for lining uppers, joining leather, natural and synthetic materials, and wrapping heels and wedges.

Base: Water Application: Brush Polymer: Polychloroprene

Vegan – Eco-friendly

ECHO P 213

Low viscosity adhesive with good thermal resistance and good initial setting. Suitable for lining uppers and joining leather, natural and synthetic materials.

Base: Water Application: Spray Polymer: Polychloroprene

Vegan – Eco-friendly

ECHO P 214

Low viscosity adhesive with good thermal resistance. Suitable for lining uppers and joining leather, natural and synthetic materials.

Base: Water Application: Spray Polymer: Polychloroprene





FOOTWEAR

ECHO P 216

Low viscosity adhesive with longr drying time. Suitable for leather, fabrics, cellulose, natural materials.

Base: Water Application: Spray Polymer: Polychloroprene

Vegan – Eco-friendly

ECHO P 219

Low viscosity adhesive with high thermal resistance and high initial setting. Suitable for lining uppers and joining leather, natural and synthetic materials.

Base: Water Application: Spray Polymer: Polychloroprene

Vegan – Eco-friendly

ECHO PU 276

Low viscosity adhesive with high thermal resistance. Suitable for first hand on absorbent materials: leather, rubber, TR, PU, micro, PVC, thunit, nylon, polyester, ABS.

Base: Water Application: Spray Polymer: Polyurethane

Vegan – Eco-friendly

ECHO PU 277

Medium-low viscosity adhesive with high thermal resistance. Suitable for leather, rubber, TR, PU, micro, PVC, thunit, nylon, polyester, ABS.

Base: Water Application: Roller, Brush Polymer: Polyurethane





FOOTWEAR

ECHO PU 284

High viscosity adhesive with high thermal resistance. Suitable for leather, rubber, TR, PU, micro, PVC, thunit, nylon, polyester, ABS.

Base: Water Application: Brush Polymer: Polyurethane

Vegan – Eco-friendly

ECHO PU 286/F

Low viscosity adhesive with good thermal resistance. Suitable for leather, rubber, TR, PU, micro, PVC, thunit, nylon, polyester, ABS.

Base: Water Application: Spray Polymer: Polyurethane

Vegan – Eco-friendly

ECHO PU 288

Medium viscosity adhesive, long drying time and low reactivation temperature. Suitable for leather, rubber, TR, PU, micro, PVC, thunit, nylon, polyester, ABS.

Base: Water Application: Roller, Brush Polymer: Polyurethane

Vegan – Eco-friendly

ECHO PU 290 FAST

ECHO PU 291 FAST

Single-component adhesive with medium viscosity with high thermal resistance and high initial setting. Suitable for leather, rubber, TR, PU, micro, PVC, thunit, nylon, polyester, ABS.

Base: Water Application: Brush Polymer: Polyurethane Base: Water Application: Brush Polymer: Polyurethane



REBORN hinges are made of recycled polyester, they are highly performing and resistant for applications on footwear, leather goods and clothing. They are available in different sizes and colors.

ZIPPERS REBORN S7

Fabric and spiral made of 100% recycled polyester from PET bottles.

Length: from 10 to 199 cm, also available in continuous length. Colors: white, blue, black Spiral Cert. Oeko-Tex

Recycled – Vegan – Non-toxic Certifications: EMAS – GRS – OEKO-TEX Protocols: Greenpeace DETOX

ZIPPERS REBORN METALLO T3 - T5

Fabric made of 100% polyester recycled from PET bottles. Nickel-free galvanized metal chain.

Length: from 10 to 199 cm, also available in continuous length. Colors: white, blue, black. It is possible to dye the ribbon in color with the Oeko-Tex process.

Recycled – Vegan – Non-toxic Certifications: EMAS – GRS – OEKO-TEX Protocols: Greenpeace DETOX





Starting from biologically cultivated cotton and working with the mercerization process, we obtain 100% organic trimmings with a brilliant appearance and a permanent shine. All GREEN trimmings, both in the raw and colored versions, have obtained the GOTS and ICEA certifications, which guarantee high quality while respecting the environment.

GROS GRAIN COTTON BIO SC

Fabric composed of 100% organic mercerized cotton.

Height: from 5 to 120 mm Colors: 10 colors available GOTS or Dyed with NATURAL COLOR CULTURE

Organic – Biodegradable – Vegan – Recyclable – Non-toxic – Traceable Certifications: GOTS – ICEA

GROS GRAIN COTTON BIO SB

Fabric composed of 100% organic mercerized cotton and fabric with craft shuttle looms.

Height: from 5 to 120 mm Colors: 10 colors available GOTS or Dyed with NATURAL COLOR CULTURE

Organic – Biodegradable – Vegan – Recyclable – Non-toxic – Traceable Certifications: GOTS – ICEA





Our REBORN tapes are made of recycled polyester and are suitable for applications on footwear, bags and clothing. They are available in different sizes.

GROS GRAIN REBORN 719

Fabric made of 100% recycled polyester.

Height: from 5 to 120 mm

Recycled – Recyclable – Vegan – Non-toxic



Our REBORN elastic bands are made of recycled polyester and are highly performing and resistant for applications on footwear, leather goods and clothing. They are available in different sizes and colors.

ELASTIC REBORN

Fabric made of 100% recycled polyester.

Lenght: from 10 to 199 cm Colors: white, blue, black

Recycled – Recyclable – Vegan – Non-toxic





FINISHING CREAMS



A REAL PROPERTY AND A REAL

Based on the research carried out by **Teknochim**, a company of the Centro Accessori group, a line of natural creams was born for the definition and finishing of leather products. These creams with cosmetic properties can be colored with **NATURAL COLOR CULTURE** pigments and customized according to customer requirements.

WAX CREAM

Brushable crème to utilize on less absorbent leathers. It gives a natural shine and a silky touch.

KARITE CREAM

Brushable creme to be used on absorbent leathers. It gives a natural shine and a silky touch.

CHAMOMILE CREAM

Brushable cream to be used as a first and / or second coat. It gives a brilliant shine and a silky touch.

WHEAT GERM CREAM

Brushable cream to be used as a first and / or second coat. It gives a brilliant shine and a silky touch.

Bio-based – Vegan – Biodegradable – Non-toxic

NAILS IN VARIOUS SIZES FOR ASSEMBLY



We have a wide and complete range of nails for shoe assembly.

The material used is totally recyclable.



Our collection of GREEN footwear laces combines the beauty of natural materials with the quality and style needed for fashion products. The laces can be produced in variable lengths, according to customer needs, and can be pointed with metal or acrylic tips.

The acetate film used for puncturing and is certified as biodegradable, compostable and non-toxic (free of phthalic acid), therefore suitable for the production of sustainable footwear.

PIATTINA LACES IN ORGANIC COTTON - SIMPLE AND WAXED

100% made from recycled cotton yarn.

Length: customizable. Width: 6.5 mm and 10 mm Colors: Cream and other colors on request

Organic - Biodegradable - Bio-based - Vegan - Non-toxic - Traceable

ROUND LACES IN ORGANIC COTTON - SIMPLE AND WAXED

100% made from recycled cotton yarn.

Length: customizable. Diameter: 2.5 mm Colors: Cream and other colors on request

Organic - Biodegradable - Bio-based - Vegan - Non-toxic - Traceable

LACES IN NATURAL YUTE

100% made from natural jute yarn, available in the round model.

Length: customizable. Diameter: from 2 mm to 4 mm Colors: Raw

Organic - Biodegradable - Bio-based - Vegan - Non-toxic

NATURAL LINEN LACES

100% produced with natural linen yarn, available in round and flat models.

Length: customizable. Colors: Raw or colored Width. Flat: from 4 mm to 15 mm Diameter: 6mm

Organic - Biodegradable - Bio-based - Vegan - Non-toxic



Our REBORN laces are made from 100% recycled cotton or polyester yarns. They can be produced in variable lengths, according to customer needs, and can be punctuated with metal or acrylic tips.

The acetate film used for puncturing is certified as biodegradable, compostable and non-toxic (free of phthalates), therefore suitable for the production of sustainable footwear.

PLAIN LACES IN RECYCLED COTTON

100% made of recycled cotton yarn.

Length: customizable. Width: 10 mm Colors: black, blue, leather and other colors on request. Other sizes and round variant available on request.

Recycled - Biodegradable - Bio-based - Vegan - Non-toxic - Traceable

FLAT LACES IN RECYCLED POLYESTER

100% made of recycled polyester yarn.

Length: customizable. Width: 6mm, 10 mm Colors: white and other colors on request. Other sizes available on request.

Recycled – Vegan – Non-toxic

ROUND LACES IN RECYCLED POLYESTER

Made from 100% recycled polyester yarn.

Length: customizable. Diameter: 2,5 mm Colors: white and other colors on request. Other sizes available on request.

Recycled – Vegan – Non-toxic



VELINA PAPER REBORN KL220

100% recycled tissue paper sheets, available in various sizes, suitable for the padding and protection of footwear, bags and leather goods, in the boxing phase.

Measurements in cm: 27x75, 30x75, 37x50, 40x60, 50x100, other sizes are also available upon customer's request.

Colors: White, Black

Recycled - Recyclable - Vegan - Non-toxic - Biodegradabile

ECO PAPER ADHESIVE TAPE

Adhesive tape with support in semi-rippled brown paper obtained from cellulose not treated with chlorine or other bleaches. It guarantees maximum conformability and allows the detection of any tampering.

The adhesive is composed of natural rubbers, hydrocarbon resins and antioxidants. Ensures good adhesion on uneven surfaces, even at low temperatures. Particularly suitable for light packaging and available for printing with water-based inks.

Temperature resistance: 70 ° Colors: Brown Width: from 12mm to 300mm

Packaging

Bio-based – Vegan – Eco-friendly





Our international Trends & Materials Research team has created a collection of sustainable accessories and ornaments that respond to the latest fashion trends. Product development started from the study of new and innovative recycled materials, which have been carefully tested to guarantee their suitability for use on bags, shoes and leather goods.

COCONUT HUSK



Our Coconut husk products are a great alternative to wood products. The material is made of sustainablysourced, newly engineered wood made from coconut global waste. supplying the market with a formaldehvde-free. bio-based wood alternative. Coconut Husk Board has exceptional properties. surpassing industry standards for regular engineered woods and is made from a truly sustainable. renewable source: the waste of harvested coconuts. Good Hut will be committed to reducing our CO2 footprint and enriching the lives of locals in coconut-producing developing countries.

Recycled – Recyclable – Vegan – Non-toxic Biodegradable – Bio-based – Traceable

GRASPLAST



The Grasplast granulate is manufactured from 50% grass clippings and 50% recycled plastic. Using Agricultural waste for our accessories is all about sourcing natural and recyclable materials and developing new and interesting materials in the process. The result is an environmentally friendly plastic with visible natural fibers.

Recycled – Recyclable – Vegan – Non-toxic – Bio-based



RECYCLED TETRA PAK



To support a circular economy we need to find innovative solutions to recycle post consumer waste. Over 1.4 billion food and drink containers known as "Tetra Pak" are collected each year in Italy and usually end up in landfills. Using a patent-protected production process for polylaminates PO-AL (plastic aluminum), allows for a new ecological plastic material with an interesting surface structure.

Recycled - Recyclable - Vegan

MILK PLASTIC



Plastic made of milk is a great example of rediscovering an old material or technique. This special plastic is based on casein, a part of the phosphor-proteins group that can be found in milk, It can be shaped and used for buttons and other accessories.

Milk plastic was already known to the Egyptian culture and used to bind paints and other liquids. Starting from the begining of the 20th Century, it was commonly used to create ornaments and even some jewels for the Mary of England. Casein is a great example for a natural polymer that we can use without chemically modifying its characteristics. Casein's natural color is a tainted white, which makes it possible to dye in vibrant colors.

Recycled – Recyclable – Non-toxic – Biodegradable – Bio-based

RECYLED PLASTIC



One of the most readily available and cheapest sustainable materials is recycled plastic from preconsumer industrial waste. It is plastic that keeps its characteristics intact and can be used to produce a very wide range of printed accessories: closures, loops, rings, inserts, cam stops, etc. Available in black, white, opaque and, on request, custom colors.

Recycled - Recyclable - Vegan





REBORN fabrics are produced using fibers obtained from recycled raw materials. Centro Accessori has established a partnership with SEAQUAL $^{\text{M}}$ for the distribution of fabrics produced with yarn obtained from PET made of recycled bottles which are fished in the Atlantic Ocean and in the Mediterranean Sea, through a controlled supply chain. Our fabrics help keep the environment clean and extend the life of highly recyclable raw materials.

All fabrics can be **customized** in weight, weave and printing.

DAPHNE

Fabric composed of 80% SEAQUAL and 20% PES recycled. Ideal for uppers, bags, linings and clothing.

Weight: 250 gr / sqm Height: 150 cm Colors: Raw and Printed Cert. SEAQUAL

Recycled – Recyclable – Vegan – Non-toxic

MARY RIBSTOP

Fabric composed of 30% SEAQUAL and 70% recycled PES. Ideal for uppers, bags, linings and clothing.

Weight: 90 gr / sqm Height: 150 cm Colors: Raw and Printed Cert. SEAQUAL

Recycled – Recyclable – Vegan – Non-toxic

SNOWDROP

Fabric composed of 80% SEAQUAL and 20% PES recycled. Ideal for uppers, linings, bags and clothing.

Weight: 200 gr / sqm Height: 150 cm Colors: Rough and Printed Cert. SEAQUAL

Recycled – Recyclable – Vegan – Non-toxic





BIORESIN



This material obtained from the transformation of biomass can be cut and laser engraved and processed using machine tools. This allows us to create a vast range of customized accessories in shapes, processes and colors, which guarantee high quality and durability over time, stability of colors and gloss, respecting the environment.

Bio-based – Recyclable – Vegan

NATURAL COLOR DYES



Teknochim, a company of the Centro Accessori group, has created a wide range of natural dyes, obtained from processing organic chromophore plants in the Marche countryside. These dyes can be used for leathers, natural fabrics, rubber soles and other thermoplastic materials, guaranteeing excellent color retention and maintaining natural effects of the raw materials used.

Bio-based - Organic - Vegan - Biodegradable - Non-toxic - Recyclable





COLOR COLLECTION

RESEDA (Reseda luteola)

The most precious yellow is obtained from Reseda. The first step of the coloring is luteolin which we find in the stem, leaves and flower of the plant. It is a color with good resistance to light. It is grown in open field with sowing in February to be harvested in July. It was used throughout the history in the textile and wood-furniture sectors.

ROBBIA (Rubia tinctoria)

The red extracted from the Robbia root is an ancient and valuable dye. The active ingredient is alizarin found in the plant's root system. It is a very stable color, mainly used for dyeing fabrics and in the art world. It is grown outdoors and the dye is obtained by harvesting the root in autumn after the third year.

WALNUT MALLO (Juglans regia)

The Walnut Mallo is a natural brown indicated for the footwear sector. The color is obtained from husk after the walnut fruit is harvested. The fruit is then humidified, dried and extracted to be ground before use. The coloring principle is the chemical compound juglone that has always been used in dyeing wool and in coloring whitefiber wood.

POMEGRANATE (Punica granatum)

Shrub of the Mediterranean basin is appreciated for its fruit and for its juice which is rich of vitamins. After squeezing, we obtain this beautiful color from the rind of the fruit. The yellow-gold and green tones can be used for textiles and leather goods. The coloring product is obtained from agricultural waste.

GUADO (Isatis tinctoria)

Herbaceous of the Brassicaceae family, biennial species: a very solid blue pigment is obtained from the leaves of the first year; the ancient blue present in the European area up to 1600 for the dyeing of fabrics supplanted then by Indigo. For some years the plant has been the subject of development in Italy for the extraction of the pigment. Currently, this special pigment is used in the most important productions of the textile and leather aoods sector.

SMOKE TREE/ SMOKE BUSH (Rhus cotinus)

The smoke tree is a shrub that grows spontaneously in the Umbria-Marche Apennines around 400-800 m. s.l.m .; from 1200 to 1930 its cultivation is attested for the production of tanning and dyes of leather and leather goods. Today, with selected pruning we collect sprigs and leaves of mountain smoke bushes which is then processed to obtain brown, violet and black tones.

VEGETABLE CARBON (Carbo ligni)

The production of coal and charcoal is an important economic activity in the Marche region. The processing takes place by carbonizing the wood grown in the Apennines' forest environment. After sieving, the small waste fragments are recovered by us to be used for coloring purposes. 28



GREEN fabrics are made of raw materials with natural origin like vegetables. PINATEX is an innovative material obtained from the fibers of pineapple leaves. Cotton, bamboo and hemp come exclusively from organic farming that guarantees quality and traceability.

These fabrics are dyed with GOTS dyes or with **NATURAL COLOR CULTURE** natural dyes, obtained from the processing of chromophore plants from organic farming, without the addition of synthetic chemicals.

PIÑATEX

Fabric composed of 80% pineapple leaf fiber and 20% PLA. Colors: raw or dyed in 17 variants with GOTS or NATURAL COLOR CULTURE dyes

Bio-based – Vegan – Recyclable – Non-toxic

BAMBOO BIO

Fabric made of 100% Bamboo from organic farming. Colors: raw or dyed with NATURAL COLOR CULTURE

Bio-based – Biodegradable – Organic – Vegan Recyclable – Non-toxic – Traceable

LINEN BIO

Fabric made of 100% Linen from organic farming. Colors: raw or dyed with NATURAL COLOR CULTURE

> Bio-based – Biodegradable – Organic – Vegan Recyclable – Non-toxic – Traceable

HEMP BIO

Fabric made 100% of Hemp from organic farming. Color: raw or dyed with NATURAL COLOR CULTURE

> Bio-based – Biodegradable – Organic – Vegan Recyclable – Non-toxic – Traceable



EMBROIDERIES WITH RECYCLED YARN



We use recycled polyester thread for embroidering fabrics and leather. There are many to customize the colors, the design and the dimensions. The combination of embroidery with recycled thread and recycled polyester fabrics also guarantees the maximum recyclability of the finished product.

Recycled - Recyclable - Vegan

SCREEN PRINTING WITH SOY INK



We have tested and developed screen printing with ecological soy-based ink. This type of ink, available in different colors, allows to obtain an excellent definition and resistance of the printed designs, while ensuring the maximum sustainability of the finished products. Like standard screen printing, it can be used on synthetic and natural materials

Bio-based - Vegan - Biodegradable - Non-toxic - Recyclable

SUBLIMATION PRINTING WITH WATER-BASED INK



For our sublimation printing we use exclusively waterbased ecological inks that, by evaporating, do not emit harmful volatile substances. This technique guarantees the maximum definition of colors and shades, while offering extreme resistance to scratches, washing and other external impacts. The water-based ink can be used for laces, ribbons, fabrics, braiding, etc., exclusively in polyester, both recycled and virgin.

Vegan – Biodegradable – Non-toxic



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