

EMBROIDERY SAMPLE BOOK

WWW.COATS.COM



CONNECTING. PIONEERING. TRUSTED.

WHO WE ARE

Coats is a brand and organisation where heritage meets innovation. Our purpose is to harness talent and technology in a way that benefits our customers, our people and the communities in which we operate. It's about more than just thread.

At home in some 50 countries, Coats has a workforce of over 18,000 staff across six continents. Headquartered in the UK, Coats is a FTSE 250 company, a constituent of the FTSE4Good UK Index and a participant in the UN Global Compact.

Our pioneering approach and innovative culture are what set us apart from our competitors. We are trusted to provide products, services and software solutions that add value to the Apparel and Footwear industries. Our innovation has enabled us to develop high technology Performance Materials threads, yarns and fabrics in areas such as automotive, composites, fibre optics and oil and gas.

EMBROIDERY THREADS

We offer an extensive range of embroidery and embellishment threads which meet the most imaginative expectations. They help facilitate the creation of beautiful logos and decorative seams on clothing and accessories that are subject to wear and tear or frequent washing.

COATS
sylko



TRILOBAL
POLYESTER

COATS
sylko matt



POLYESTER
CORESPUN

COATS
sylko rd



TRILOBAL
POLYESTER

COATS
sylko metallic



METALLISED
POLYESTER WITH
NYLON CORE YARN

COATS
sylko pearl



POLY /
NYLON

COATS
signal



CONTINUOUS
FILAMENT
POLYESTER / GLASS

COATS
lucence



GLOW IN
THE DARK

COATS
gral



CONTINUOUS
FILAMENT
POLYESTER

COATS
gral multicolour




CONTINUOUS
FILAMENT
POLYESTER

COATS
epic multicolour




100% POLYESTER
CORESPUN


PIONEERING A SUSTAINABLE FUTURE




WATER
Managing a precious resource wisely




ENERGY
Renewables for a sustainable future



EFFLUENT & EMISSIONS
Working for a cleaner world



SOCIAL
Safe and sustainable workplaces and communities



LIVING SUSTAINABLY
Protecting our planet

Coats is pioneering a sustainable future by finding new and innovative ways to create long-term, sustainable growth.

We are transforming our business, investing in new techniques and technologies, and continuously improving our polices, process and programmes in order to create a lasting positive impact, that supports businesses, people and our planet.

Let's work together to pioneer a sustainable future.



SUSTAINABLE THREADS

COATS
sylko EcoVerde



100% RECYCLED
TRILOBAL
POLYESTER

COATS
sylko EcoVerde matt



100% RECYCLED
POLYESTER
CORESPUN WITH
POLYESTER WRAP

COATS
sylko EcoVerde metallic



METALLISED FOIL
WITH A 100% RECYCLED
POLYESTER CORE YARN

COATS
epic EcoVerde



100% RECYCLED
POLYESTER
CORESPUN WITH
POLYESTER WRAP

COATS
gral EcoVerde



100% RECYCLED
CONTINUOUS
FILAMENT POLYESTER

Embroidery Sample Book can also be used with our sustainable embroidery brands Sylko EcoVerde, Sylko EcoVerde Matt, Sylko EcoVerde Metallic, Epic EcoVerde and Gral EcoVerde.

Our polyester threads are made from 100% recycled polyester.

NEW INNOVATION



SYLKO ECO-B

Coats Sylko Eco-B is a recycled trilobal polyester embroidery thread incorporating an additive from CiCLO® to reduce synthetic fibre accumulation in landfills and oceans. The technology creates biodegradable ‘spots’ in the polymer matrix, where naturally-occurring microbes in certain environments can break down the plastics just as they do with natural fibres.

FEATURES & BENEFITS

Sustainable

- Utilises proprietary technology to reduce plastic waste in landfills and plastic pollution in our oceans
- ECO PASSPORT certified by OEKO- TEX
- Non-toxic to marine life

Functional

- Easy to implement in the existing manufacturing
- Maintains integrity of fibres, no loss of durability or performance

Sensible

- The CiCLO® fibres behave more like natural fibres when they end up in the environment
- The biodegradation process takes a long time and access to moisture and an abundance of microbes. It will not happen during use or care
- Fibres and yarns are traceable- CiCLO® technology has an authentication program that requires all fibre producers to validate the presence of CiCLO® in every batch they manufacture

EMBROIDERY ON DENIM, WOVEN AND KNITTED FABRIC

DENIM



Needle thread	Sylko Eco-B 120 Tex 27
Bobbin thread	Epic Eco-B 120 Tex 27
Speed	750 rpm
Stitches	7,354
Needle thread consumption	47.8 m
Interlining	Permess PEET 055

WOVEN



Needle thread	Sylko Eco-B 120 Tex 27
Bobbin thread	Epic Eco-B 120 Tex 27
Speed	750 rpm
Stitches	7,354
Needle thread consumption	47.8 m
Interlining	Permess PEET 055

KNITTED



Needle thread	Sylko Eco-B 120 Tex 27
Bobbin thread	Epic Eco-B 120 Tex 27
Speed	750 rpm
Stitches	7,354
Needle thread consumption	47.8 m
Interlining	Permess PEET 055



CARE INSTRUCTIONS



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BRING THE BEST OUT OF YOUR DESIGNS, WITH EMBROIDERY SOLUTIONS FROM COATS.

EMBROIDERY FROM COATS

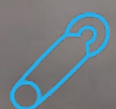
Our world-renowned expertise can help you create superior-quality embroidered garments in record time.



Our embroidery expertise covers every part of every application – from threads to trims – so you can expect high-quality, ultra-reliable products.



And if you need support at any time, our globally available experts will always be on hand to help. We even have our own Embroidery Solution Centres across the globe, which offer technical guidance on design improvement, thread choices and sewing techniques.



We've honed our technical knowhow over decades in the market – helping hundreds of brands to bring the best out of their embroidery applications.



It all adds up to higher quality, and total peace of mind.

COATS EMBROIDERY SERVICE CENTRES (ESC)

A key element of Coats Technical Services, our ESCs are fully equipped to help you with your technical input on your designs. That way, we can help you:

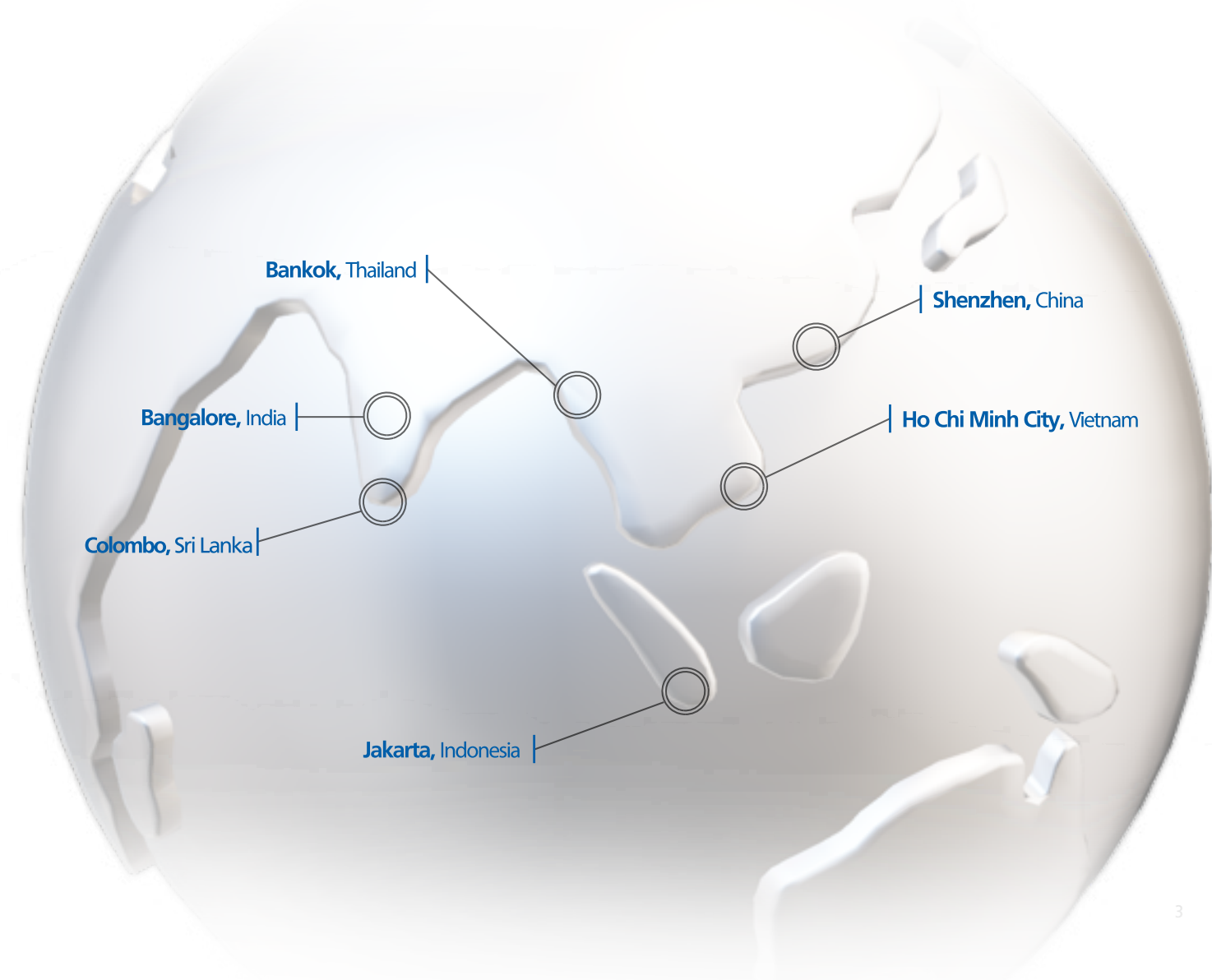
- Enhance quality
- Increase productivity
- Reduce cost, wherever possible

HOW WE WORK WITH YOU

Coats ESCs will take an embroidered garment, re-digitise and then sew out the new design. We will also include your original design so that you can compare the two.

We will report back with thread type and size, interlinings and needles used to create the new sew out.

Sometimes it is just a matter of adjusting stitches in the current digitised file or recommending a different backing or type of needle.





**COATS
STANDARD
BRANDS**

COATS STANDARD BRANDS



Coats Sylko is a trilobal polyester thread for machine embroidery with superior lustre, durability and smooth operation at the highest speeds.

Sylko allows you to create beautiful, attractive logos and decorative seams on clothing and accessories that are subject to wear and tear or frequent washing.



Coats Sylko Matt is a 100% polyester cospun thread for machine embroidery. It has an attractive matt appearance for embroidery on a variety of apparel applications. The lubrication is carefully adjusted to run perfectly on modern multi-direction embroidery machines at the high speeds they are engineered for.



Coats Sylko RD is a trilobal polyester thread specially engineered for embroidery applications on nightwear and children’s pyjamas. It has a unique lubrication which results in high productivity and conforms to U.S. Legislation CFR1615 and BS EN 14878:2007 (Nightwear Safety Regulations).



Coats Sylko EcoVerde is a 100% recycled trilobal polyester thread for machine embroidery. Sylko EcoVerde has superior lustre, durability and a smooth operation at the highest speeds, which makes it a popular choice among embroidery customers seeking performance and durability.



Coats Sylko EcoVerde Matt is a 100% recycled polyester cospun thread for machine embroidery. It has an attractive matt appearance for embroidery on a variety of apparel applications. The lubrication is carefully adjusted to run perfectly on modern multi-direction embroidery machines at the high speeds they are engineered for.



Coats Gral is a continuous filament polyester thread made from pre-stablised high tenacity polyester and is the thread of choice for multiple end-uses. The soft finish with superior low friction lubrication reduces the effects of needle heat and abrasion.

EMBROIDERY ON DENIM FABRIC



Needle thread	Sylko 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	7,354
Needle thread consumption	47.8 m
Interlining	Permess PEET 055



Needle thread	Sylko Matt 120 Tex 24
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	7,354
Needle thread consumption	47.8 m
Interlining	Permess PEET 055



Needle thread	Sylko RD 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	7,354
Needle thread consumption	47.8 m
Interlining	Permess PEET 055



EMBROIDERY ON DENIM FABRIC



Needle thread	Sylko EcoVerde 120 Tex 27
Bobbin thread	Epic EcoVerde 180 Tex 18
Speed	750 rpm
Stitches	8,480
Needle thread consumption	55.1 m
Interlining	Permess PEET 055



Needle thread	Sylko EcoVerde Matt 120 Tex 24
Bobbin thread	Epic EcoVerde 180 Tex 18
Speed	750 rpm
Stitches	8,480
Needle thread consumption	55.1 m
Interlining	Permess PEET 055



Needle thread	Gral 120 Tex 21
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	8,480
Needle thread consumption	55.1 m
Interlining	Permess PEET 055



EMBROIDERY ON WOVEN FABRIC



Needle thread	Sylko 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	11,358
Needle thread consumption	73.8 m
Interlining	Permess PEET 055



Needle thread	Sylko Matt 120 Tex 24
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	11,358
Needle thread consumption	73.8 m
Interlining	Permess PEET 055



Needle thread	Sylko RD 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	11,358
Needle thread consumption	73.8 m
Interlining	Permess PEET 055



EMBROIDERY ON WOVEN FABRIC



Needle thread	Sylko EcoVerde 120 Tex 27
Bobbin thread	Epic EcoVerde 180 Tex 18
Speed	750 rpm
Stitches	3,320
Needle thread consumption	21.6 m
Interlining	Permess PEET 055



Needle thread	Sylko EcoVerde Matt 120 Tex 24
Bobbin thread	Epic EcoVerde 180 Tex 18
Speed	750 rpm
Stitches	3,320
Needle thread consumption	21.6 m
Interlining	Permess PEET 055



Needle thread	Gral 120 Tex 21
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	3,320
Needle thread consumption	21.6 m
Interlining	Permess PEET 055



EMBROIDERY ON KNITTED FABRIC



Needle thread	Sylko 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	4,797
Needle thread consumption	31.2 m
Interlining	Permess PEET 055



Needle thread	Sylko Matt 120 Tex 24
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	4,797
Needle thread consumption	31.2 m
Interlining	Permess PEET 055



Needle thread	Sylko RD 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	4,797
Needle thread consumption	31.2 m
Interlining	Permess PEET 055



EMBROIDERY ON KNITTED FABRIC



Needle thread	Sylko EcoVerde 120 Tex 27
Bobbin thread	Epic EcoVerde 180 Tex 18
Speed	750 rpm
Stitches	4,305
Needle thread consumption	28.0 m
Interlining	Permess PEET 055



Needle thread	Sylko EcoVerde Matt 120 Tex 24
Bobbin thread	Epic EcoVerde 180 Tex 18
Speed	750 rpm
Stitches	4,305
Needle thread consumption	28.0 m
Interlining	Permess PEET 055



Needle thread	Gral 120 Tex 21
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	4,305
Needle thread consumption	28.0 m
Interlining	Permess PEET 055



COATS DECORATIVE BRANDS



COATS DECORATIVE BRANDS



Coats Sylko Metallic* is a highly engineered composite thread for machine embroidery and decorative sewing.

Its superior lustre and trouble-free operation makes Sylko Metallic a popular choice amongst the world's best embroiderers seeking outstanding performance and luxurious embellishment.

*Available in Sylko EcoVerde Metallic -100% Recycled Polyester Core Yarn

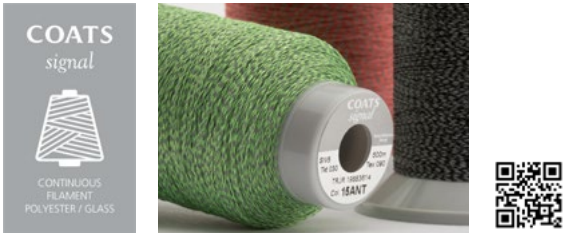


Coats Sylko Pearl is a highly engineered composite thread for machine embroidery. It brings a new sensation to the perception of colours and gives a beautiful pearl effect on embroidery applications.



Coats Lucence is an embroidery thread with a special 'Glow in the dark' effect which is ideal for making children's clothing more exciting, or for adding that extra special decorative feature.

The thread is 'charged' in sunlight or in artificial light (to a lesser degree) and emits a luminous glow quality when viewed in the dark.



Coats Signal thread is a high-tech retro-reflective sewing and embroidery thread for fashion applications in apparel sewing.

When illuminated by a light source, it helps to enhance the visibility at night-time or in difficult weather conditions and adds that extra special decorative feature. The daytime colour is silver and when illuminated by light the reflected colour is white.



Coats Epic Multicolour is a high performance 100% polyester cospun thread that has been injection dyed with up to 6 different colours to give an attractive, varied multicolour effect on the thread. Use Epic Multicolour thread for eye-catching stitching effects on key wardrobe essentials.



Coats Gral Multicolour is a continuous filament polyester thread with an especially smooth surface and clean seam appearance. Coats Gral Multicolour has been injection dyed with up to 6 different colours to give an attractive, varied multicolour effect on the thread. From subtle tone-in-tone to rainbow contrast colours, Gral Multicolour gives that extra special look and has good abrasion resistance properties.

EMBROIDERY ON DENIM FABRIC



Needle thread	Sylko Metallic 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	5,572
Needle thread consumption	36.2 m
Interlining	Permess PEET 055



Needle thread	Sylko Pearl 110 Tex 21
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	5,572
Needle thread consumption	36.2 m
Interlining	Permess PEET 055



Needle thread	Lucence 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	4,428
Needle thread consumption	28.8 m
Interlining	Permess PEET 055



EMBROIDERY ON DENIM FABRIC



Needle thread	Signal
Bobbin thread	Astra 180 Tex 18
Speed	600 rpm
Stitches	2,096
Needle thread consumption	13.6 m
Interlining	Permess PEET 055



Needle thread	Epic Multicolour 120 Tex 24
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	6,477
Needle thread consumption	42.1 m
Interlining	Permess PEET 055



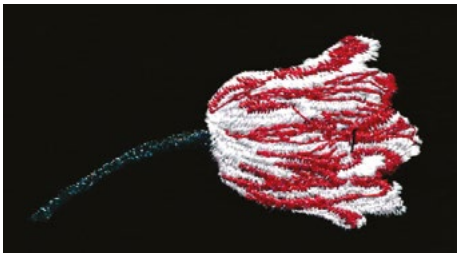
Needle thread	Gral Multicolour 120 Tex 21
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	6,477
Needle thread consumption	42.1 m
Interlining	Permess PEET 055



EMBROIDERY ON WOVEN FABRIC



Needle thread	Sylko Metallic 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	5,572
Needle thread consumption	36.2 m
Interlining	Permess PEET 055



Needle thread	Sylko Pearl 110 Tex 21
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	5,572
Needle thread consumption	36.2 m
Interlining	Permess PEET 055



Needle thread	Lucence 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	4,428
Needle thread consumption	28.8 m
Interlining	Permess PEET 055



EMBROIDERY ON WOVEN FABRIC



Needle thread	Signal
Bobbin thread	Astra 180 Tex 18
Speed	600 rpm
Stitches	2,096
Needle thread consumption	13.6 m
Interlining	Permess PEET 055



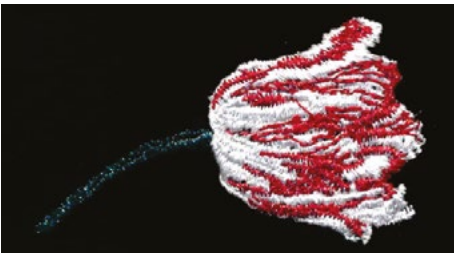
Needle thread	Epic Multicolour 120 Tex 24
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	6,477
Needle thread consumption	42.1 m
Interlining	Permess PEET 055



Needle thread	Gral Multicolour 120 Tex 21
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	6,477
Needle thread consumption	42.1 m
Interlining	Permess PEET 055



EMBROIDERY ON KNITTED FABRIC



Needle thread	Sylko Metallic 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	5,572
Needle thread consumption	36.2 m
Interlining	Permess PEET 055



Needle thread	Sylko Pearl 110 Tex 21
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	5,572
Needle thread consumption	36.2 m
Interlining	Permess PEET 055



Needle thread	Lucence 120 Tex 27
Bobbin thread	Astra 180 Tex 18
Speed	750 rpm
Stitches	4,428
Needle thread consumption	28.8 m
Interlining	Permess PEET 055



EMBROIDERY ON KNITTED FABRIC



Needle thread	Signal
Bobbin thread	Astra 180 Tex 18
Speed	600 rpm
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Bobbin thread	Epic EcoVerde 180 Tex 18
Speed	750 rpm
Stitches	6,477
Needle thread consumption	42.1 m
Interlining	Permess PEET 055



COATS INTERLINING



OVER-THE-BACK (OTB)



Designed for maximum wearing comfort, this range of very soft adhesive interlinings fuse on to the backside of an embroidery to protect the skin from coarse threads. Durable and Öko-Tex Standard 100, Class I Certified, they are ideal for most embroidery applications in newborn garments, childrenswear, and sportswear.

S021450 is a part of our Coats Permessa EcoVerde range made of premium quality 100% recycled polyester interlinings, that is certified according to Global Recycled Standard (GRS). Our sustainable recycled polyester interlinings fulfil high quality standards and deliver the same performance as virgin polyester interlinings.

Article	Type	Substrate	Construction	Weight approx. (g/m2)	Width (cm)	Length (m)	Available colours	Fusing conditions		
								Temp.	Pressure	Time
S021450	Circular knit fusible multidirectional stretch	100% recycled polyester / post-consumer recycled PET	Circular knit	44	150	100	050 (White) 053 (Ecru) 950 (Black)	130 - 140	3 - 4	10 - 15



CARE INSTRUCTIONS



WATER SOLUBLE

Water-soluble nonwovens and film are used as temporary stabilisers when stitching an embroidery design. Our selection of water-soluble stabilisers dissolves in 20°C water within 10-30 seconds, leaving embroidery soft and comfortable against the skin. Perfectly formulated to stabilise fabrics, while keeping uniformity and shape of the embroidery.

Nonwovens are optimal for delicate fabrics where tear-away stabilisers could lead to a damage. They can be used to make mesh-like fabrics, embroidery embellishment or freestanding laces. Water-soluble film can be used on top of very flexible and bulky fabrics, such as terry cloth or knitwear, to prevent the sinking of stitches and embroidery details into the pile.

Article	Type	Substrate	Construction	Weight approx. (g/m2)	Width (cm)	Length (m)	Available colours
PEWF235	Film, 20°C water-soluble	100% polyvinyl alcohol	Film	35	100	200	000 (Transparent)



EMBROIDERY WITH OVER-THE-BACK (OTB) INTERLINING



Embroidery back without OTB article



Embroidery back with recycled OTB S021450 article



Embroidery front with water soluble PEWF235 article



Embroidery front with water soluble PEWF235 article removed

ESC CONSULTANCY SERVICES

Our world-renowned expertise can help you create superior-quality embroidered garments in record time.

Once we have recreated these designs and received approval on the master “dst” file they will be sent back to you (along with the accompanying thread, backing & needle recommendations).



WHY CHOOSE ESC CONSULTANCY SERVICES?

- Full support on any queries related to the design can be provided.
- We can supply an accompanying Embroidery Design Viewer “EDV” to allow you to view and exchange embroidery machine digitising files.