

Coats® Sylko™ AWF

Coats Sylko AWF is an environmentally friendly, anti-wicking trilobal polyester thread for machine embroidery. It is part of our range of anti-wick sewing threads that are free of perfluorinated compounds (PFCs) and are thus a kinder choice for the environment.

Offering superior lustre, durability and smooth operation at the highest speeds, Sylko AWF is a popular choice amongst embroidery customers seeking performance and attractive logos and decorative seams on apparel.

The unique specially formulated finish delivers a high degree of water resistance to seams on outdoor wear, workwear and rainwear.

COATS
sylko awf



TRILOBAL POLYESTER
WITH PFC-FREE
ANTI-WICK FINISH

WHY CHOOSE COATSKNIT SYLKO AWF?

- Superior abrasion resistance for demanding end-uses
- Produced using the most advanced technology to guarantee optimum performance
- Excellent lustre and available in a range of colours
- The PFC-free anti-wick finish prevents the capillary action of water transportation through the thread in the seam
- Engineered for sewing at the highest speeds
- Finished with a lubrication to reduce migration of the lube on to the fabric
- Superior colour fastness and chemical resistance
- STANDARD 100 by OEKO-TEX® CLASS I

MAIN USES:

- Outdoor wear
- Workwear and corporate wear
- Childrenswear
- Footwear
- Caps and accessories
- Rainwear



Coats Sylko AWF



PRODUCT RANGE

Article	Ticket	Tex	Length m	Strength cN	Elongation % Min - Max	Needle Size Metric
FJDB120	27	120	1,000	1,140	20 - 28	75 - 90
FJDA120	27	120	4,000	1,140	20 - 28	75 - 90
FJDC180	18	180	3,000	750	20 - 28	65 - 75

*Please contact your local Coats office should you require additional thread sizes.

Coats Sylko AWF is made from trilobal polyester continuous filament. Please refer to the below table for the properties of Coats Sylko AWF trilobal polyester embroidery thread and the advantages compared with viscose rayon thread:

Property	Benefits of Coats Sylko trilobal polyester embroidery thread
Lustre / sheen	The trilobal cross-section of the filament combines high strength with excellent sheen
3D - effect	Coats Sylko trilobal polyester gives more volume to satin stitches and a slight 3D effect
Abrasion resistance	Coats Sylko trilobal polyester has a high level of abrasion resistance making it suitable for sportswear
Chemical resistance	Trilobal polyester is more resistant to chemical damage and degradation than viscose rayon
Strength / tenacity	Coats Sylko exhibits excellent tenacity. Multi-head embroidery machines can be run at high speed with less thread breaks
Colour fastness	For the highest level of colour fastness, use Sylko AWF which is available in a select range of shades

CHEMICAL PROPERTIES

Mineral acids:	Resistant to most mineral acids
Alkalis:	Essentially unaffected by weak alkalis, but less resistant to stronger alkalis, especially at higher temperatures
Organic solvents:	Generally unaffected, but soluble in some phenolic compounds
Bleaching:	Unaffected
Insects / microorganisms (mildew, rot):	Unaffected
Laundering / dry cleaning:	Unaffected
Moisture regain:	0.4%

FASTNESS PROPERTIES

Washing at 60°C	ISO 105 C10:2006 C(3)	Grade 4
Water Fastness	ISO 105 E01:2010	Grade 4
Rub Fastness	ISO 105 X12:2001	Grade 4
Hypochlorite Fastness	ISO 105 N01:1993	Grade 4
Dry Cleaning Fastness	ISO 105 D01:2010	Grade 4
Perspiration Fastness	ISO 105 E04:2009	Grade 4
Artificial Light Fastness	ISO 105 B02:1994	Grade 4



Coats Sylko AWF



EXPERT REAL WORLD SUPPORT

The final cost of any thread also includes hidden costs, fuelled by the methods and tools applied to it. Our experts know exactly how to reduce those costs, save time and increase productivity.



Seamworks

Install our Seamworks software to accurately calculate costs prior to production, putting an end to the risk of over or under ordering materials, and incurring unnecessary extra costs. The Seamworks tool is provided with installation, training and ongoing support included.



One to One Visits

There's no need to come to us, our experts will travel to your site. In person, online or via the phone, our trained consultants deal with the kind of issues any busy factory may face, providing a solution for today and a blueprint for future efficiency.



Training and Presentations

From thread selection to stitch formation, the use of colour to solutions for common production issues, we take the learning gathered through years of hands on experience and present it in the form of high impact seminars, workshops and presentations.



Embroidery Service Centre

Our Embroidery Service Centre makes embroidering a design much easier, increasing productivity at the same time as enhancing the design itself. Email the design and any problematic issues to us and our technicians will email the improved design right back.

To drive your hidden costs down, talk to Coats. From thread audits in pre-production to the latest technical bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit www.coats.com/sylko-awf

OTHER PRODUCTS IN THE SYLKO RANGE

To complement the Sylko range, we also have a selection of specialist Sylko threads. Each of these have additional benefits specific to the end use.

Product Name	Description
Sylko	Embroidery thread which is ideal for sewing logos or decorative detailing on garments that are subject to wear and tear or frequent washing
Sylko Matt	A machine embroidery thread with an attractive matt appearance
Sylko Pearl	Highly engineered thread that gives embroidery a beautiful pearlescent finish while offering durability
Sylko RD	Flame retardant embroidery thread that is produced with the most advanced technology to bring durability and lustre to a final product
Sylko AS	Highly engineered thread, which offers superior lustre and minimises the attraction of down towards the needle. Available with recycled materials
Sylko EcoVerde	A 100% recycled trilobal polyester thread for machine embroidery
Sylko EcoVerde Matt	A 100% recycled polyester corespun thread for machine embroidering
Sylko Metallic	A highly engineered composite thread for machine embroidery

Specialist Sylko products are typically available across a select range of ticket sizes and technical information will in some cases vary from the above table.



TRILOBAL POLYESTER
WITH PFC-FREE
ANTI-WICK FINISH

Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure themselves that the product meets end customer requirements and is suitable for the intended end use. Coats accepts no liability for unsuitable or improper use or application of products. Information provided is based on current averages and should be taken only as indicative. Coats accepts no liability for the preciseness and correctness of the information provided. Product information sheets are updated from time to time, please be sure you are referring to the most recent publication. Coats supports customers with advice on individual applications on request; if you have any questions or concerns, please contact us. © Copyright reserved 2021

