



Coats® Sylko™ Metallic

Coats Sylko Metallic is a highly engineered composite thread for machine embroidery. Its superior lustre and trouble-free operation has made it a popular choice amongst the world's best embroiderers seeking outstanding performance and luxurious embellishment.

Coats Sylko Metallic can also be used in the top spreader of cover seams to give a pretty, decorative seam with a metallic or sparkle effect.

COATS

Sylko™
Metallic



DECORATIVE
EMBROIDERY

2025

Why choose Coats Sylko™ Metallic?

- High tenacity filament yarn gives strength during sewing and durability in the sewn product
- Undercoated metallic foil protects lustre during sewing and ensures a smooth finish
- Stabilising layer of coating between the filament yarn and the metallised foil prevents needle damage
- A special lubrication process allows sewing at the highest speeds
- A unique after-treatment prevents "pigtail" of the thread during embroidery ensuring maximum productivity and minimal thread breakage
- OEKO-TEX® STANDARD 100, Product Class I

Main Uses:

- Activewear
- Badges
- Labels & Logos
- Leather wear
- Outdoor wear
- Sylko Metallic can be used on all types of clothing and accessories where demanding embroidery decorative stitching or an outstanding metallic effect is required





Product Range

	Article Ticket	Ticket	Tex	Length	Average Strength cN	Elongation % Min - Max	Recommended Needle Size Metric
All shades except below	1587120	120	27	3,000 M	630	35 - 60	65 - 75
I9685 Antique Silver	1587120	120	27	3,000 M	490	10 - 20	65 - 75

The standard construction of Sylko Metallic is one end of filament yarn, wrapped around with one end of metallised foil. Please be aware, for shade I9685 (antique silver), the construction is slightly different: it is made up of two ends of filament yarn wrapped around with one end of metallised foil. The actual grist, or optical thickness of the thread, and the recommended needle size is the same.

Thermal Properties

Melts at 250 - 260°C, softens at 220 - 240°C

Shrinkage less than 1% @ 150°C

Chemical Properties

Coats Sylko Metallic is made from a combination of filament yarn and precious metals. The resistance to any particular chemical will depend on the individual circumstances. Technical advice should be sought from your nearest Coats unit if the application involves chemical treatment.

Fastness Properties

Washing Fastness 60°C	ISO 105-C10 C	Grade 4
Water Fastness	ISO 105-E01	Grade 4
Rub Fastness	ISO 105-X12	Grade 4
Hypochlorite Fastness	ISO 105-N01	Grade 4
Dry Cleaning Fastness	ISO 105-D01	Grade 4

These fastness grades represent minimum performance levels and, in practice, the majority of shades will exceed these levels.





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.



Innovation Hub

Collaborate directly with expert R&D technologists at our Innovation Hub to create pioneering and tailored solutions for products ranging from Performance Materials to Apparel and Footwear. Equipped with state-of-the-art technology, we quickly turn ideas into prototype designs ready for manufacturing.

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

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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. Coats® is a registered trademark of J. & P. Coats, Limited. Sylko™ is a trademark of J. & P. Coats, Limited. © Copyright reserved 2025. OCTOBER 2025