

Coats® Gramax™ AWF

Coats Gramax AWF is a 100% polyester continuous filament textured thread with a PFC-free anti-wick finish. It is a kinder choice for the environment, with the finish helping to prevent water from being taken up by the thread.

Coats anti-wick PFC-free threads are the very best thread choice for no-compromise, premium water-resistant outdoor wear. Gramax AWF textured filaments give the thread a soft feel and help provide comfort in next to skin seams.

COATS
gramax awf



TEXTURED POLYESTER
WITH PFC-FREE
ANTI-WICK

WHY CHOOSE GRAMAX AWF?

- Gramax AWF is a 100% polyester continuous filament textured thread
- Gramax AWF provides good seam coverage and softness for neat, comfortable seams
- The PFC-free anti-wick finish inhibits the capillary effect, thereby ensuring that no water is taken up by the thread
- When the correct sewing tension is used, the transport of water through the needle hole is prevented
- STANDARD 100 by OEKO-TEX® CLASS I

MAIN USES:

- For comfort in all next-to-skin garments
- Prevent the capillary action of water transportation through the thread in the seam in water repellent garments



Coats Gramax AWF

PRODUCT RANGE

Article Ticket	Ticket	TEX	Length	Average Strength cN	Elongation %	
					Min	Max
F505160	160	18	5,000M	620	20	32
F505140	140	21	5,000M	780	20	32

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-C10C	Grade 4
Water Fastness	ISO 105-E01	Grade 4
Hypochlorite Fastness	ISO 105-N01	Grade 4
Dry Cleaning Fastness	ISO 105-D01	Grade 4
Perspiration Fastness	ISO 105-E04	Grade 4
Artificial Light Fastness	ISO 105-B02	Grade 4

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



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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.

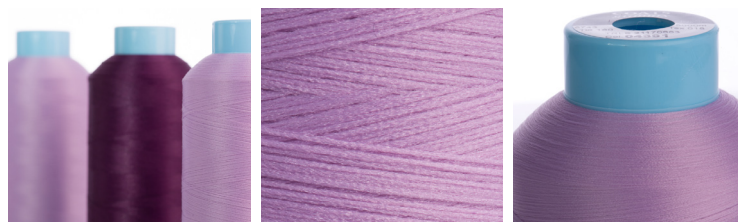
For more information, talk to your Coats representative today or visit www.coats.com/gramaxawf

OTHER PRODUCTS IN THE GRAMAX RANGE

To complement the Gramax range, we also have a selection of specialist Gramax threads. Each of these combines the superior properties of the Gramax product with additional benefits specific to the end use.

Product Name	Description
Gramax	100% polyester continuous filament textured thread.
Gramax RD	100% polyester continuous filament textured thread which conforms to U.S. Legislation CFR1615 and BS EN 14878:2007 (Nightwear Safety Regulations) in children's nightwear.

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



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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 for 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