



CoatsKnit™ AWF

CoatsKnit AWF is a textured filament yarn with a durable PFAS-free anti-wick finish that stops moisture in its tracks. Once knitted into fabric, this yarn effectively repels water from typical knit patterns and eliminates the need for further treatments.

As a part of our commitment to ethically building a sustainable future, CoatsKnit AWF can be made from 100% GRS Certified recycled materials as well as virgin origin.

COATS
CoatsKnit™
AWF



TEXTURED FILAMENT
KNITTING YARN

2026

Why choose CoatsKnit AWF?

- The PFAS-free anti-wicking finish delivers a high degree of water resistance without the use of harmful perfluorocarbons
- Complies with AATCC-22, GB/T 4745 and ISO 4920 spray test methods, reaching Grade 4+ after 10 washes (certified)
- OEKO-TEX® STANDARD 100, Product Class I

Main Uses:

- Footwear knitted uppers
- Apparel garments
- Accessory fabrics





Product Range

Article	Denier	Filament Construction	Cone Size (kg)	Bulk	Origin
FC77160	150	48 x 1	0.9	Low	Virgin
FF45160	150	36 x 2	0.45	High	Virgin
CG50160	150	72 x 1	0.45	Low	Recycled
CF85160	150	72 x 1	0.45	High	Recycled

Fastness Properties

Water Fastness	ISO 105 E01	Min. Grade 4
Rub Fastness	ISO 105 X12	Min. Grade 4
Wash Fastness	ISO 105-C10B:2006	Min. Grade 4

Product Limitations

Blending the AWF yarn with non-AWF yarn products is likely to impair the general water repellent performance of the knitted fabric

While the antiwick performance of the yarn is proven, and effective at repelling spray water from the surface of knitted fabric, the product will not prevent water from passing through large physical gaps or holes contained in certain knit patterns

The product can be washed with water and mild detergent up to 40°C, however to ensure continued antiwick performance on knitted fabrics after washing, all detergents must be completely rinsed off the shoes or garments



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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.



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.



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

Other Products in the CoatsKnit Range

To complement the CoatsKnit range, we also have a selection of specialist CoatsKnit yarns. Each of these have additional benefit specific to the end use

Product Name	Description
CoatsKnit Ultra	A 100% polyester yarn of trilobal cross sectional filament construction, offering high sheen
CoatsKnit Protect	A 100% polyester yarn treated with an anti-microbial / anti-fungal finish
CoatsKnit Mono	A 100% polyester dyed round cross-sectional monofilament yarn
CoatsKnit Lucence	A drawn textured polyester knitting yarn with a special 'glow in the dark' effect
CoatsKnit ColTwist	A textured filament yarn that can be twisted with filaments of up to six shades

Specialist CoatsKnit 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 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. CoatsKnit™ is a trademark of J. & P. Coats, Limited. © Copyright reserved 2026.

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