

CoatsKnit™ FLX

CoatsKnit FLX is a spandex yarn that is double covered (DC) by textured filaments and is ideal for knitting. Both outer filaments are continuously rotated around the core spandex, which is uniformly drawn in 2 twist directions (S+Z twist). Once knitted into fabric, CoatsKnit FLX provides a smooth and crisp fabric construction with high elongation and recovery properties. Both filaments used for the covering process are treated with PFC free water repellent finish that give an additional feature to the final product. The thread covering can be made from 100% virgin or GRS certified polyester.

COATS

knit
FLX



TEXTURED
POLYESTER
FILAMENT

WHY CHOOSE COATSKNIT FLX?

- Made from 100% virgin or GRS certified Polyester
- High elongation and excellent resilience
- Combines the advantages of DTY and spandex
- The PFC free water repellent finished double covered yarn complies with AATCC-22, GB/T 4745 and ISO 4920
- All dyed colours are tested based on Coats colour standards
- Standard 100 by Oeko-tex® class I
- Coats are committed to building a sustainable future

MAIN USES:

- Footwear knitted uppers
- Apparel garments
- Accessories



CoatsKnit FLX



PRODUCT RANGE

Article	Denier	Filament construction	Bulkiness	Type	Core Denier	Cone Size (Kg)	Sub-Brand
FC77051	100	100d/36f	Low	Virgin	210d	0.45	AWF
FC77050	100	100d/36f	Low	Recycled	210d	0.45	AWF
FCW4030	150	150d/48f	Low	Virgin	280d	0.45	AWF
F1W4030	150	150d/72f	Low	Recycled	280d	0.45	AWF

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



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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 2020



CoatsKnit FLX

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 yarn 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/en/coatsknit-flx

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 benefits specific to the end use.

Product Name	Description
CoatsKnit AWF	A textured filament knitting yarn made with moisture wicking properties
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 Ultra	A 100% polyester yarn of trilobal cross sectional filament construction, offering high sheen
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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