

COATS

*knit  
protect*



ANTI-MICROBIAL  
FINISH

# CoatsKnit™ Protect

CoatsKnit Protect is a 100% polyester yarn treated with an innovative process to give the finished yarn anti-microbial / anti-fungal properties.

The anti-microbial process creates a "zone of inhibition" that prevents the growth of bacteria and pathogens on the yarn where microbes like to harbour, leaving fabric crevices clean and fresh.

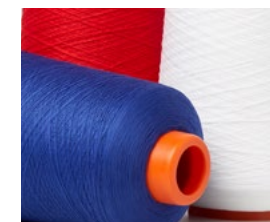
As a part of our commitment to building a sustainable future, CoatsKnit Protect can be produced from 100% GRS certified recycled materials as well as virgin origin.

## WHY CHOOSE COATSKNIT PROTECT?

- A specialised chemical aids the inhibition of bacteria without the use of harmful substances
- CoatsKnit Protect complies with ISO 20743:2013: Textiles determining the antibacterial activity of antibacterial finished products through a quantitative test by an absorption method
- Tested with staphylococcus aureus (AATCC strain no. 6538) and klebsiella pneumoniae (AATCC strain no. 4352) organisms and achieved a pass after 100 washes (certified)
- World class colour quality and consistency
- Certified to Standard 100 by Oeko-tex®, class I

## MAIN USES:

- Footwear knitted uppers
- Apparel garments
- Accessory fabrics



# CoatsKnit Protect



## PRODUCT RANGE

Article	Denier	Filament Construction	Cone Size (Kg)	Bulk	Bulkiness %	Strength cN	Elongation %	Origin
CF92160	150d	75d/36f /2	0.45	High	8 - 18	547	30 - 57	Virgin

## FASTNESS PROPERTIES

Water Fastness	ISO 105 E01	Min. Grade 4
Rub Fastness	ISO 105 X12	Min. Grade 4
Wash Fastness	ISO 105-C10C:2006	Min. Grade 4

## PRODUCT LIMITATIONS

The anti-microbial finish is to inhibit the growth of microorganisms rather than kill bacteria.



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 Protect

## 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-protect](http://www.coats.com/en/coatsknit-protect)

## 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
<b>CoatsKnit AWF</b>	A textured filament knitting yarn made with moisture wicking properties
<b>CoatsKnit Mono</b>	A 100% polyester dyed round cross-sectional monofilament yarn
<b>CoatsKnit Lucence</b>	A drawn textured polyester knitting yarn with a special 'glow in the dark' effect
<b>CoatsKnit Ultra</b>	A 100% polyester yarn of trilobal cross sectional filament construction, offering high sheen
<b>CoatsKnit ColTwist</b>	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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