

**COATS**  
*dual duty awf*



POLYESTER CORESPUN WITH  
COTTON WRAP PFC FREE  
ANTIWICK FINISH

# Coats® Dual Duty AWF™

Coats Dual Duty AWF has a specially formulated finish which delivers a high degree of water resistance, making it an excellent choice for outdoor goods. This premium quality cospun thread combines a high tenacity polyester filament core with a natural cotton cover. The PFC-free anti-wick finish inhibits the capillary effect, thereby ensuring that no water is taken up by the thread. This leading development is one of the many positive actions taken by Coats to demonstrate its commitment to sustainability and safety.

When the correct sewing tension is used, the transport of water through the needle hole is prevented. Dual Duty AWF is a popular thread for speciality applications, e.g. sailing gear, life jackets, heavy duty awning and tent sewing.

## WHY CHOOSE DUAL DUTY AWF?

- The PFC-free anti-wick finish prevents the capillary action of water transportation through the thread in the seam
- Specially formulated finish delivers a high degree of water resistance
- Specially lubricated to deliver outstanding sewing performance in the most demanding applications
- The filament core offers excellent strength and durability, while the long staple cotton wrap ensures excellent sewing performance and protects the core from needle heat.
- The high tenacity polyester filament core allows the use of finer thread sizes improving seam appearance without compromising seam strength

## MAIN USES:

- Outdoor goods
- Sports Equipment
- Sailing gear
- Life Jackets
- Heavy Duty Awning
- Tents





# Coats Dual Duty AWF

## PRODUCT RANGE

TEX	Ticket	Dtex/ply	Strength cN	Elongation % Min - Max
40	75	200 x 2	1,860	18 - 24
60	50	308 x 2	3,040	18 - 24
80	36	400 x 2	3,530	18 - 24
120	25	400 x 3	5,390	20 - 26
150	20	400 x 4	7,150	20 - 26
210	12	1100 x 2	10,680	24 - 28

## FASTNESS PROPERTIES

	Test Method	Rating	Change of Shade
Washing at 60°C	(ISO 105 C10C)	4	4
Water Fastness	(ISO 105 E01)	4	4
Rub Fastness	(ISO 105 X12)	4*	N/A
Hypochlorite Fastness	(ISO 105 N01)	N/A	4
Dry Cleaning Fastness	(ISO 105 D01)	4	4
Perspiration Fastness	(ISO 105 E04)	4	4
Artificial Light Fastness	(ISO 105 B02)	N/A	5

\* Note: some Vat dyed PCC heavy shades (colour group: 47, 55) will not be able to achieve rub fastness standard. Only Grade 3 ; also reactive dyed PCC will not meet bleach and possibly light fastness standards. This is currently the case in Europe and shade cards should include a note to that effect



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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. © Copyright reserved 2022



# Coats Dual Duty AWF

## 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 product selection 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/dual-duty-awf](http://www.coats.com/dual-duty-awf)

## OTHER PRODUCTS IN THE DUAL DUTY RANGE

To complement the Dual Duty range, we also have a selection of specialist Dual Duty threads. Each of these have additional benefits specific to the end use.

Product Name	Description
Dual Duty Multi	Attractive two coloured heather-effect or melange thread that is ideal for embroidery and decorative stitching on denim.
Dual Duty Supercotton	Premium quality corespun sewing thread that has been especially developed for post dyed cotton garments.
Dual Duty True Indigo	Durable corespun sewing thread that is dyed with natural indigo and fades during the denim wash process to give each garment a unique finish.

Specialist Dual Duty 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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