

Coats® Dabond AWF

Coats Dabond AWF is a bonded twisted continuous filament polyester with a specially formulated PFC Free anti-wicking finish. This ecofriendly development is one of the many positive actions taken by Coats to demonstrate its commitment to sustainability and safety. Special finish prevents the capillary action of water taken up the thread and penetrating a sewn seam, a prerequisite for water repellent seams.

COATS
dabond awf



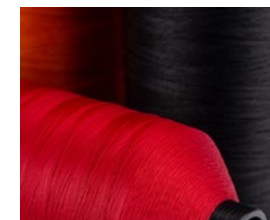
BONDED CONTINUOUS
FILAMENT POLYESTER
PFC FREE ANTIWICK FINISH

WHY CHOOSE DABOND AWF?

- The ecofriendly PFC-free anti-wick finish combines superior sewability and a permanent additive that blocks water migrating through seams
- Dual level lubricated finish for needle heat protection and smooth sewing
- Excellent bleach, mildew and rot resistance
- "Z" Left Twist, suitable for single needle high speed industrial sewing machine
- Bonded and lubricated for resistance to needle heat

MAIN USES

- Workwear
- Heavy-duty seams
- Technical textiles
- Sports and active wear
- Flags
- Military supplies
- Tents and awnings
- Canvas and tarps
- Inflatables / hot air balloons
- Marine lift slings and tie downs



Coats Dabond AWF

PRODUCT RANGE

TEX	Ticket	Dtex/ply	Strength cN	Elongation % Min - Max
80	30	275 x 3	5700	12 - 25
135	20	455 x 3	9310	12 - 25



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:	Excellent resistance
Insects / microorganisms (mildew, rot):	Unaffected
Moisture regain:	Approximately 0.4% (drip dry)

FASTNESS PROPERTIES

Wash Fastness	(ISO 105 C06)	Grade 4 - 5
Water Fastness	(ISO 105 E01:2010)	Grade 4
Rub Fastness	(ISO 105 X12:2001)	Grade 3 - 4 (4 - 5 for in-line dyed version)



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EXPERT REAL WORLD SUPPORT

The final cost of any product 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/dabond-awf

OTHER PRODUCTS IN THE DABOND RANGE

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

Product Name	Description
Dabond	Exceptionally durable, UV-resistant, bonded polyester thread that is used in the manufacturing of outdoor and marine products which need to perform in demanding weather conditions.
Dabond Ultrabloc	Made from continuous filament, high tenacity, polyester coated with an extremely smooth super absorbent water swellable finish.
Dabond Outdoor	Specially designed for outdoor life. It is completely colourfast, with excellent UV, vinyl, abrasion and chemical protection - particularly relevant in a COVID-affected world where stringent cleaning processes have become the norm.

Special use Dabond 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 2022

