



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

2026

Why choose Coats 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





Product Range

Ticket	Tex	Dtex/Ply	Strength cN	Elongation % Min - Max
30	80	275 x 3	5,700	12 - 25
20	135	455 x 3	9,310	12 - 25

Chemical Properties

Mineral acids:	Resistant to most mineral acids
Alkalies:	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)

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.



Seamworks

Install our Seamworks software to accurately calculate costs prior to production, putting an end to the risk of over or under ordering materials, and incurring unnecessary extra costs. The Seamworks tool is provided with installation, training and ongoing support included.



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.



Embroidery Service Centre

Our Embroidery Service Centre makes embroidering a design much easier, increasing productivity at the same time as enhancing the design itself. Email the design and any problematic issues to us and our technicians will email the improved design right back.



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.

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