

Coats® Dabond™ Outdoor

Demonstrating superior sewing performance, new Dabond Outdoor has been specifically designed for outdoor life. In a world where stringent cleaning and disinfecting is now the norm, it is colourfast against UV, chemicals and vinyl. It's the ideal thread for the toughest outdoor conditions – on land and at sea.

Coats Dabond Outdoor has been designed for outdoor life. Ideal for manufacturing sails and countless other outdoor and marine applications, it is a bonded, twisted continuous filament polyester thread. Unlike conventional polyester bonded threads, it has exceptional bond cohesion, giving it excellent sewing properties in the toughest conditions. 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.

COATS
dabond outdoor



UV RESISTANT
BONDED CONTINUOUS
FILAMENT POLYESTER

WHY CHOOSE DABOND?

- Coats Dabond has excellent UV resistance for applications exposed to marine water and sunlight
- Dual level lubricated finish for needle heat protection and smooth sewing
- Excellent bleach, mildew and rot resistance
- Meets Coats restricted substance list

MAIN USES

- Sail making
- Awnings
- Outdoor pursuits and sports equipment
- Military applications
- Marine lift slings and tie downs
- Applications requiring vinyl and chlorine bleach-fastness



Coats Dabond Outdoor

PRODUCT RANGE

Tex	Ticket	Dtex/Ply	Strength cN	Elongation % Min - Max
60	40	226 x 3	4750	12 - 25
80	30	275 x 3	5700	12 - 25
105	25	275 x 4	7600	12 - 25
135	20	455 x 3	9310	12 - 25
150	18	550 x 3	10500	17 - 27
180	15	660 x 3	12450	17 - 29

THERMAL PROPERTIES

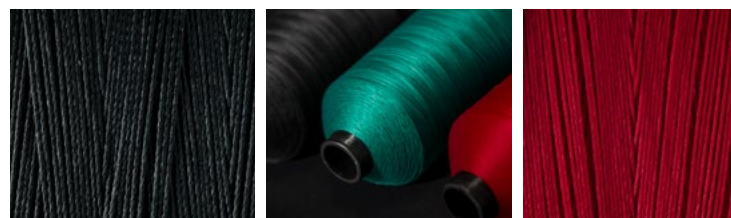
Melting point 250 - 260°C

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 - 5
Rub Fastness	(ISO 105 X12:2001)	Grade 4 - 5
Vinyl Transfer	(CTC-TP-1032-003)	Grade 4 - 5
Artificial Light Fastness	(ISO 105 B06:2020)	Grade 4 - 5



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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 product 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-outdoor

OTHER PRODUCTS IN THE DABOND RANGE

To complement the Dabond range, we also have a selection of finishes for Dabond threads. Each of these combines the superior properties of the Dabond product with additional benefits specific to the end use.

Product Name	Description
Dabond AW	Bonded, twisted polyester thread with an anti-wick finish that protects sewn seams from water penetration.
Dabond Ultrabloc	Made from continuous filament, high tenacity, polyester coated with an extremely smooth super absorbent water swellable finish.

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 2023

