

Coats® Dabond™

Coats Dabond is a bonded, twisted continuous filament polyester thread. Combining superior sewing performance with excellent UV and abrasion protection, Coats Dabond is specifically designed to provide resistance against harsh weather making it an excellent thread for outdoor use.

Dabond is most notably used in the manufacturing of sails and other outdoor and marine applications. Unlike conventional polyester bonded threads, Dabond has exceptional bond cohesion, giving it excellent sewing properties even in the toughest of conditions.

COATS
dabond



BONDED
CONTINUOUS FILAMENT
POLYESTER

WHY CHOOSE DABOND?

- Coats Dabond has excellent UV resistance for applications exposed to marine water and sunlight
- Unique bonding technology that safeguards against ply untwisting in zig zag sewing and can sew through many layers of heavily finished fabric
- Dual level lubricated finish for needle heat protection and smooth sewing
- Excellent bleach, mildew and rot resistance
- Coats Dabond is the only environmentally friendly bonded polyester thread available in the market
- Meets Coats restricted substance list

MAIN USES

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

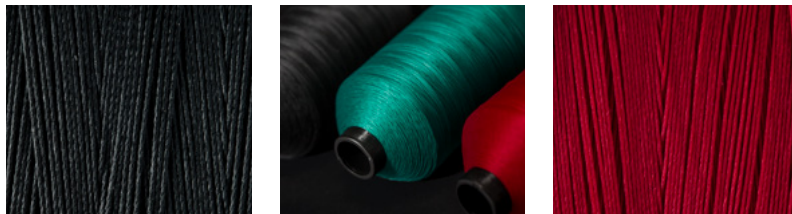


Coats Dabond

PRODUCT RANGE

TEX	Ticket	Ply	Strength cN	Elongation % Min - Max	Needle Size Metric
27	100	2	2058	12 - 22	80 - 100
35	80	3	2130	12 - 24	80 - 100
40	60	2	2400	12 - 24	90 - 110
50	50	2	3300	12 - 24	90 - 110
60	40	3	4250	12 - 24	110 - 120
80	30	3	5195	12 - 24	120 - 140
105	25	4	6664	12 - 24	120 - 140
135	20	3	8085	12 - 24	130 - 160
150	18	3	8820	16 - 28	130 - 160
240	12	3	14430	16 - 28	160 - 200
270	10	3	17000	14 - 26	160 - 200
350	9	3	20000	14 - 26	160 - 200
400	7	3	27930	15 - 30	180 - 230
450	6	3	29400	14 - 26	180 - 230

*Coats Dabond is also available in belbobs and barbobs. Benefits include 5-20% machine productivity increase, precision wind for uniform pull-off tension, improved stitch appearance.



THERMAL PROPERTIES

Melting point 250 - 260°C

Special in-line dyed Coats Dabond available for UV fade resistance of 4 - 5

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)
Vinyl Transfer	(CTC-TP-1032-003)	Grade 5 (for in-line dyed version)



Coats Dabond

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.

To drive your hidden costs down, talk to Coats. From thread audits in pre-production to the latest technological bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit [coats.com/dabond](https://www.coats.com/dabond)

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 2018

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.



**BONDED
CONTINUOUS FILAMENT
POLYESTER**

