



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.



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

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.



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BONDED
CONTINUOUS
FILAMENT
POLYESTER

Product Information

Tex	Ticket	Ply	Average 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.

Other Dabond Products

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.

Dabond Protect	Anti-microbial finish that protects the thread from microbes and bacteria, preventing the growth of odour and stain.
Dabond AW	Anti-wicking finish which prevents water from penetrating a sewn seam, a prerequisite for water repellent applications.

Please refer to the information hub; technical sewing expertise section for further information on UV resistance and light fastness:
<http://www.coatsindustrial.com/en/information-hub/technical-sewing-expertise/uv-resistance-in-sewing-threads>

Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure herself or himself 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 above 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.

