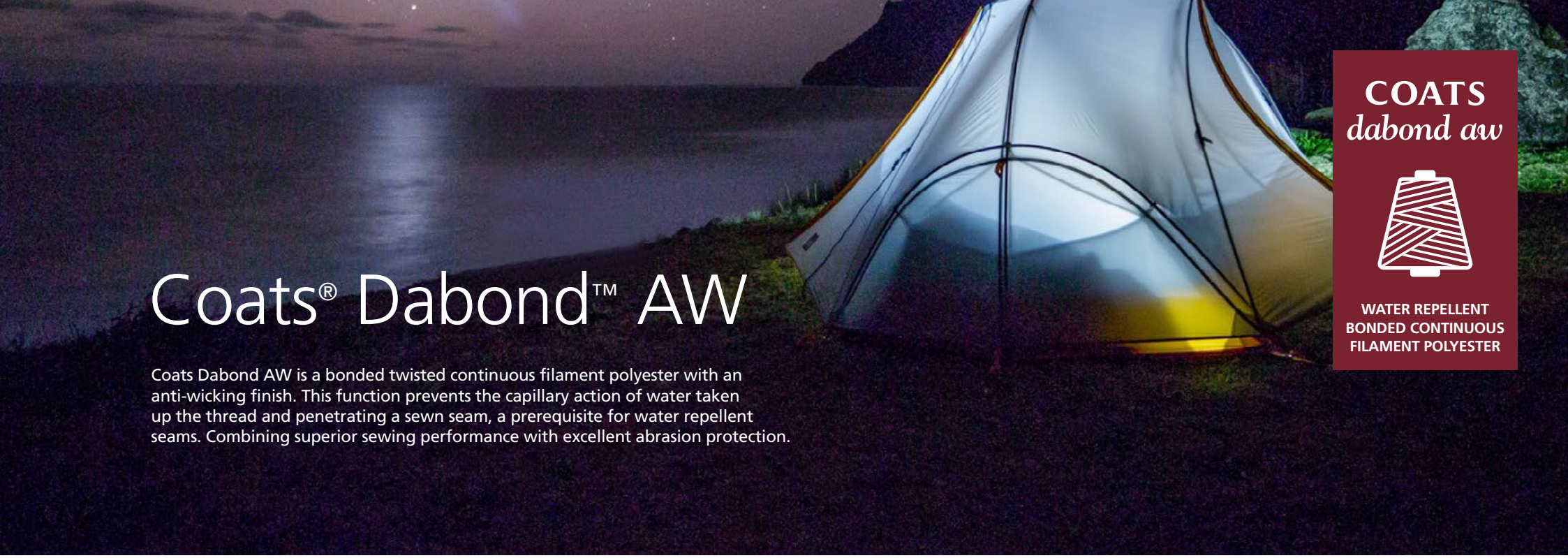


# Coats® Dabond™ AW

COATS dabond aw

WATER REPELLENT BONDED CONTINUOUS FILAMENT POLYESTER

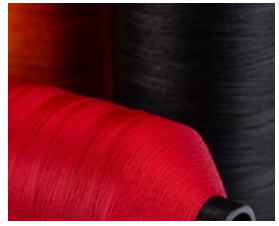
Coats Dabond AW is a bonded twisted continuous filament polyester with an anti-wicking finish. This function prevents the capillary action of water taken up the thread and penetrating a sewn seam, a prerequisite for water repellent seams. Combining superior sewing performance with excellent abrasion protection.

## WHY CHOOSE DABOND AW?

- Dual level lubricated finish for needle heat protection and smooth sewing
- Excellent bleach, mildew and rot resistance
- The industry standard for sail making and other outdoor and marine applications
- "Z" Left Twist, suitable for single needle high speed industrial sewing machine
- Bonded and lubricated for resistance to needle heat
- Anti-wick combines superior sewability and a permanent additive that blocks water migrating through seams
- A variety of colours to choose from, including black, white, navy, marine blue, silver grey, beige, forest green, red, etc.

## MAIN USES

- Sail making
- Boat tops
- Flags
- Military supplies
- Tents and awnings
- Canvas and tarps
- Inflatables / hot air balloons
- Marine lift slings and tie downs
- Applications requiring vinyl and chlorine



COATS

# Coats Dabond AW

## 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 |

- Inhibitor filaments used in all sizes 220 denier and above
- Special finishes available: anti-wick, high lube, FR

## 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) |

**WATER REPELLENT BONDED CONTINUOUS FILAMENT POLYESTER**

COATS

# Coats Dabond AW

## 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.

### 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 yarn 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.

### 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-aw**

## 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** | 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. |

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.

**WATER REPELLANT BONDED CONTINUOUS FILAMENT POLYESTER**