



COATS
dabond ultrabloc



SUPER ABSORBENT
WATER SWELLABLE
CONTINUOUS FILAMENT
POLYESTER

Coats™ Dabond® Ultrabloc

Coats Dabond Ultrabloc is made from continuous filament, high tenacity, polyester coated with an extremely smooth super absorbent water swellable finish. An excellent general purpose water blocking material, Coats Dabond Ultrabloc is appropriate for a wide variety of uses in fibre optic cables where high absorbency is needed.

WHY CHOOSE DABOND ULTRABLOC?

- 2 to 3 times better water absorption than typical competitors due to our proprietary coating process which incorporates more super absorbent polymer in the same thickness of coating compared to competitors
- Low flaking / dusting
- Available in both single end and 2 end packages

MAIN USES

- Binding and/or wrapping around and/or alongside central or radial strength members
- Can be used for water blocking inside buffer tubes to eliminate gel (also see our Coats Spun Ultrabloc products)
- General purpose use for any application needing high absorbency water blocking
- For use in loose tube, ribbon, central tube, or tight buffer cable
- Used in both armoured and unarmoured optical cable



Coats Dabond Ultrabloc

PRODUCT RANGE

Article	Weight g/m	Yield m/kg	Tensile Strength N	Elongation at Break %	Shrinkage 15 min - 190°C %	Gotex Water absorption method 3 min g/m	Absorption speed QSP 7.74 1 min mL/g	Absorption capacity QSP 7.75 3 min mL/g
Dabond UBC LS 540	0.060	16,666.67	30	18	1-4	0.60	15	100
Dabond UBC LS 1200	0.130	7,692.31	70	18	1-4	1.70	15	100
Dabond UBC LS 1800	0.185	5,405.41	105	18	1-4	1.90	15	100
Dabond UBC LS 2200	0.240	4,166.67	145	18	1-4	2.50	15	100
Dabond UBC LS 3300	0.365	2,739.73	220	18	1-4	3.70	15	100
Dabond UBC SLS 1200	0.130	7,692.31	75	20	≤ 1	1.70	15	100
Dabond UBC SLS 1800	0.185	5,405.41	110	20	≤ 1	1.90	15	100
Dabond UBC SLS 2200	0.240	4,166.67	150	20	≤ 1	2.50	15	100
Dabond UBC SLS 3300	0.365	2,739.73	225	20	≤ 1	3.70	15	100

**ALL items can be supplied in DUAL end version



Coats Dabond Ultrabloc

THERMAL PROPERTIES

Melting point 250 - 260°C (480 - 500°F)

CHEMICAL PROPERTIES

Excellent resistance to visible sunlight and UV rays

Unaffected by mildew

Good resistance to acids and cold alkalis

Excellent bleach resistance (chlorine, peroxide etc.)

PACKAGING OPTIONS

A variety of packing options are available.

Typical package sizes include, but are not limited to:

3.0" ID x 8.5" L, 2.0" ID x 7.0" L, 5.0" ID x 8.5" L, 3.7" ID x 8.5" L, and 5.0" ID x 9.0" L



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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.



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 product 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 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 coats.com/dabond-ultrabloc

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 2022

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 AW	Bonded, twisted polyester thread with an anti-wick finish that protects sewn seams from water penetration.

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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