

Coats® Ultrabloc™ F

Coats Ultrabloc F has been designed to reach the top level of swellable power yarns. Made from a 1st quality high tenacity polyester fibre and a last generation super absorber polymer, this yarn has superior tensile strength compared with other water blocking yarns in the market. The main characteristic for Ultrabloc F is its immediate reaction against water. We have incorporated several new yarns with low weights: 33, 43 and 67 tex. These yarns can be manufactured in several sizes and wound on cardboard tubes based on customer requirement.

COATS
ultrabloc f



FLAT YARN WITH
SUPER ABSORBENT
POLYMER

WHY CHOOSE ULTRABLOC F?

- Flat yarns with regular and continuous width and thickness. This allows them to be incorporated inside the buffer tube for dry/dry cable designs
- Smooth coating, does not create any interference in cable surface
- First quality raw material
- Few dust during manipulation
- Non-conductive material
- Excellent swelling values compared with other water blocking yarns
- Fast reaction against water

MAIN USES:

- Low, medium or high voltage energy cables
- Fibre optic dry cable applications

PACKAGING OPTIONS

- Pressed and precision wound , guarantees high-speed serving during cable jacketing
- Tailored spools offering exact meters or diameter
- Plastic bag in each package: keeps the yarn in perfect shape for usage, even if stocked for long periods
- Automatic label generation, allows to trace each spool
- Each batch is delivered with a Quality Certificate of properties

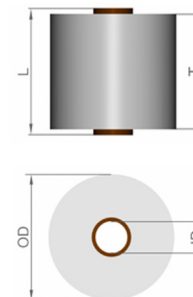


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TUBE SIZES

Tube Ref	I.D.	Length	Traverse	Max. O.D	Surface
T77x272	77 mm	272 mm	250 mm	300 mm	Rough
T94x215	94 mm	215 mm	195 mm	300 mm	Rough
T94x290	94 mm	290 mm	250 mm	300 mm	Rough
T107x215	107 mm	215 mm	195 mm	300 mm	Rough
T127x215	127 mm	215 mm	195 mm	300 mm	Rough and sliced

More sizes available upon request



PRODUCT RANGE

Product	Weight g/m	Yield m/kg	Width mm	Thickness mm	Absorption Speed mL/g	Absorption Capacity mL/g	Tensile Strength N	Elongation at break %
ULTRABLOC F 300	0,033	30.303,03	0,15	0,05	30,00	35,00	12,00	15,00
ULTRABLOC F 390	0,043	23.255,81	0,25	0,07	35,00	40,00	15,00	15,00
ULTRABLOC F 600	0,067	14.925,37	0,35	0,09	40,00	45,00	20,00	15,00
ULTRABLOC F 900	0,095	10.526,32	0,50	0,15	45,00	55,00	35,00	15,00
ULTRABLOC F 1440	0,170	5.882,35	0,90	0,18	45,00	55,00	65,00	15,00
ULTRABLOC F 1700	0,210	4.761,90	1,10	0,20	45,00	55,00	95,00	15,00
ULTRABLOC F 2300	0,270	3.703,70	1,25	0,25	45,00	55,00	115,00	15,00
ULTRABLOC F 2700	0,320	3.125,00	1,40	0,30	45,00	55,00	135,00	15,00
ULTRABLOC F 3000	0,380	2.631,58	1,45	0,32	45,00	55,00	160,00	15,00
ULTRABLOC F 4500	0,510	1.960,78	2,00	0,35	45,00	55,00	215,00	15,00
ULTRABLOC F 9000	1,100	909,09	3,15	0,40	45,00	55,00	460,00	15,00

More products and different properties available upon request



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 2021



Coats® Ultrabloc™ F

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.

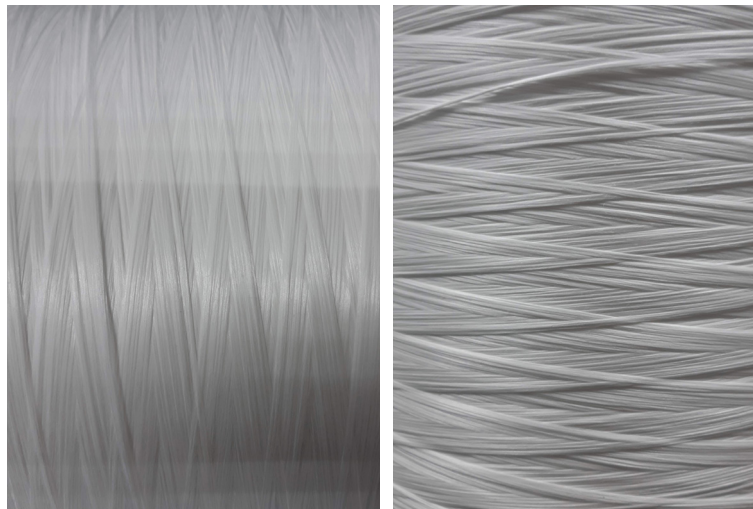


Innovation Hub

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/ultrabloc-f



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