

COATS  
gotex frp  
ultrabond



ADHESIVE FIBREGLASS  
REINFORCED PLASTIC

# Coats® Gotex FRP Ultrabond

Coats Gotex FRP Ultrabond is a non-metallic dielectric strength member made by thermal pultrusion process, coated with EAA (Ethylene Acrylic Acid) to promote the adhesion of the strength member to outer polymer jacket.

The use of FRP Ultrabond is suitable for PE extrusion or direct insertion into your cables outer sheath providing better grip to the cable.

## WHY CHOOSE GOTEX FRP ULTRABOND?

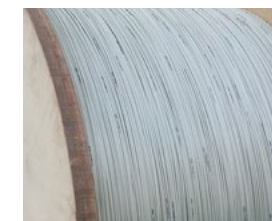
- Suitable for PE extrusion
- Provides better grip to polymer jacket
- Dielectric Composite
- Prevents cable buckling
- Prevent sagging in aerial installation

## MAIN USES:

- Aerial drop cables
- FTTX cables

## TECHNICAL DATA

Product Property	Unit	Lowest Value	Nominal Value	Highest Value
Diameter	mm	Ø - 0.05	Ø	Ø + 0.05
Coating thickness	µm	-	Ø ± 2%	-
Specific gravity	g/cm <sup>3</sup>	-	2.10	-
Modulus of elasticity	MPa	-	50.000	-
Tensile strength	MPa	-	1.500	-
Elongation at break	%	-	-	4,00
Bending radius at 25±5° C	mm	25 x D	-	-



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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.



### 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/gotex-frp-ultrabond](http://www.coats.com/gotex-frp-ultrabond)

## OTHER PRODUCTS IN THE ULTRABOND RANGE

To complement the Ultrabond range, we also have a selection of specialist Ultrabond threads. Each of these combines the superior properties of the Ultrabond product with additional benefits specific to the end use.

Product Name	Description
FG Ultrabond	
Protos Ultrabond	Strength members with special coating to enhance the bonding with the polymer jacket.
StremX Ultrabond	

Special use Ultrabond 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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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 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. © Copyright reserved 2021

