

# Coats® Gotex FGU PU

Gotex FGU PU is a fibreglass yarn with a super absorbent coating. It is used to strengthen fibreoptic cables and prevent water from reaching the cable core. The yarn is available in a variety of coatings to suit your end use and can be custom coloured for identification purposes. It also protects against rodent damage.

COATS  
gotex fgu pu



WATERBLOCKING  
FIBREGLASS

## MAIN USES:

- Fibre optic cables needing extra protection from water
- Rodent protection

## FIBRE FEATURES:

- Tailor made fibre dimensions, with regular and continuous width and thickness
- Soft coating finishes, that do not mark their presence in the cable jacket
- Premium quality raw materials
- No fibre or dust flow during processing

## FIBRE PERFORMANCE:

- All dielectric
- Wide levels of flexibility, with perfect adaptation to the cables shape
- Fire-proof and rodent-proof

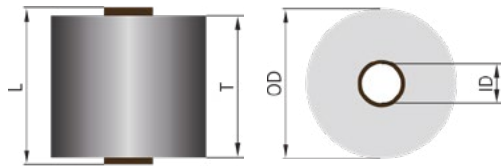


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## FIBRE PACKING:

- Pressed and precision wound, guarantees high-speed serving during cable jacketing
- Tailored spools offering by exact meters or diameter
- Yarn queue is identified with a label for easy processing
- Plastic bag in each package: keeps the yarn in perfect shape for usage, even if stocked for long periods
- Textured cardboard surface to prevent yarn slipping through the tube
- Automatic label generation, allows to trace the whole process
- Each batch is delivered with Quality Certificate of properties

## PACKAGING OPTIONS



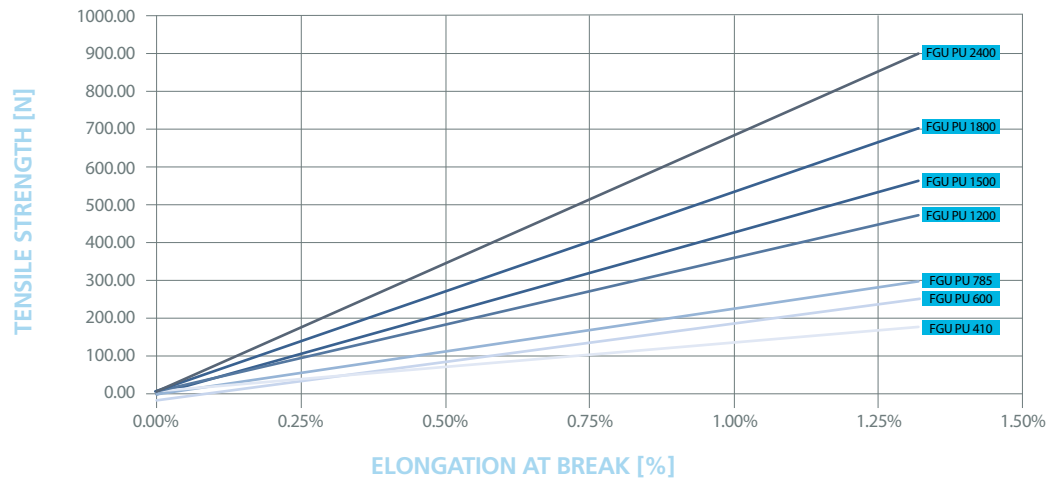
Tube Ref.	I.D.	Length	Traverse	Max. O.D.	Surface
T77x272	77mm	272mm	250mm	300mm	Rough
T94x215	94mm	215mm	195mm	300mm	Rough
T94x290	94mm	290mm	250mm	300mm	Rough
T107x215	107mm	215mm	195mm	300mm	Rough
T127x215	127mm	215mm	195mm	300mm	Rough & Sliced



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## PRODUCT RANGE

	Weight	Runnage	Lase 0.30%	Lase 0.50%	Lase 1.00%	Young Modulus	Tensile Strength	Elongation at Break	Absorption Capacity
	g/m	m/kg	N	N	N	Gpa	%	%	%
FGU PU 410	0.44	2272.73	50	75	140	75	275	2.60	300
FGU PU 600	0.64	1562.50	65	100	195	75	400	2.60	300
FGU PU 785	0.79	1265.82	80	120	235	75	495	2.30	250
FGU PU 1200	1.27	787.40	120	190	370	70	875	2.60	250
FGU PU 1500	1.58	632.91	165	250	475	70	1000	2.50	250
FGU PU 1800	1.90	526.32	165	275	550	70	1200	2.60	250
FGU PU 2400	2.60	384.62	235	360	700	65	1400	2.60	200



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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-fgu-pu](http://www.coats.com/gotex-fgu-pu)



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

