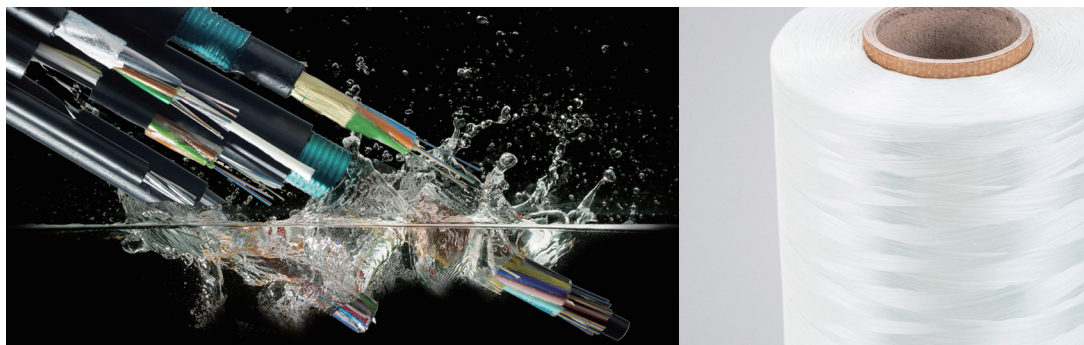




# Gotex FG UBC SL

Gotex FG UBC SL is a super light and flexible fibreglass yarn with a water-absorbent coating. It is engineered to strengthen fibre optic cables and block water from reaching the cable core. The yarn is available in a variety of coatings to suit your end use and can be even be coloured for identification purposes. It also helps prevent rodent damage.



## 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
- Extremely soft coating finishes, that do not mark their presence in the cable jacket
- Premium quality raw materials
- No fibre or dust flow during processing
- Excellent swelling capacity to prevent water from entering into the cable interior

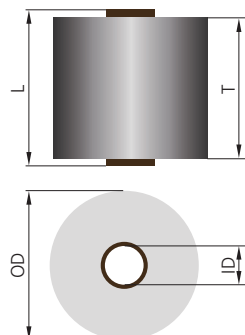
## Fibre Performance:

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

## Fibre Packing:

- Pressed and precision wound, guarantees high-speed serving during cable jacketing
- Tailored spools offering by exact metres 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

## Tube Sizes:



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 and sliced

More sizes available upon request.

WATERBLOCKING  
FIBREGLASS

Product Information



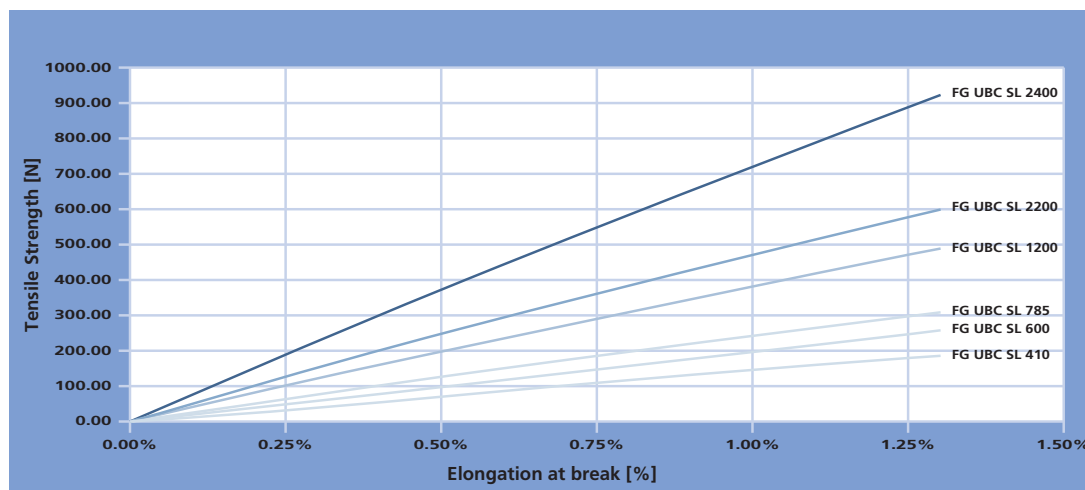


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## Typical Product Properties:

	Weight [g/m]	Yield [m/Kg]	Lase 0.50% [N]	Lase 1.00% [N]	Young Modulus [Gpa]	Absorption Capacity [%]
FG UBC SL 410	0.42	2380.95	75	145	75	350
FG UBC SL 600	0.62	1612.90	105	195	75	350
FG UBC SL 785	0.76	1315.79	125	235	75	350
FG UBC SL 1200	1.24	806.45	200	375	75	250
FG UBC SL 2200	2.26	442.48	340	660	70	200
FG UBC SL 2400	2.44	409.84	380	730	70	200

More products and different properties available upon request.



The graph is only displaying estimated values. Please do not use it for identifying the product properties. For accurate values we refer to the numerical data.

WATERBLOCKING  
FIBREGLASS

Product Information

Data and values shown in this file are based on tests in our own laboratory and on information received from our raw material suppliers. The technical data given herein has been compiled for your help and guidance. They shall however not be binding.

Since conditions and applications vary considerably in the use of a product, the customer and/or user should assure herself or himself 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 above 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.

