



# Gotex FG

Gotex FG offers the right sizing without the coating and it is an extremely flexible, lightweight fibreglass strength member yarn used in fibre optic cables. It also prevents rodent and fire damage. It is the lightest and more flexible from our fibreglass product range.



RAW  
FIBREGLASS

Product Information

### Main Uses:

- Fibre optic cables
- Rodent protection

### Fibre Features:

- Premium quality raw material
- Excellent sizing

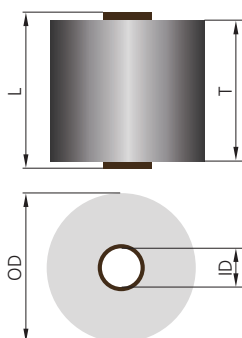
### Fibre Performance:

- 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.





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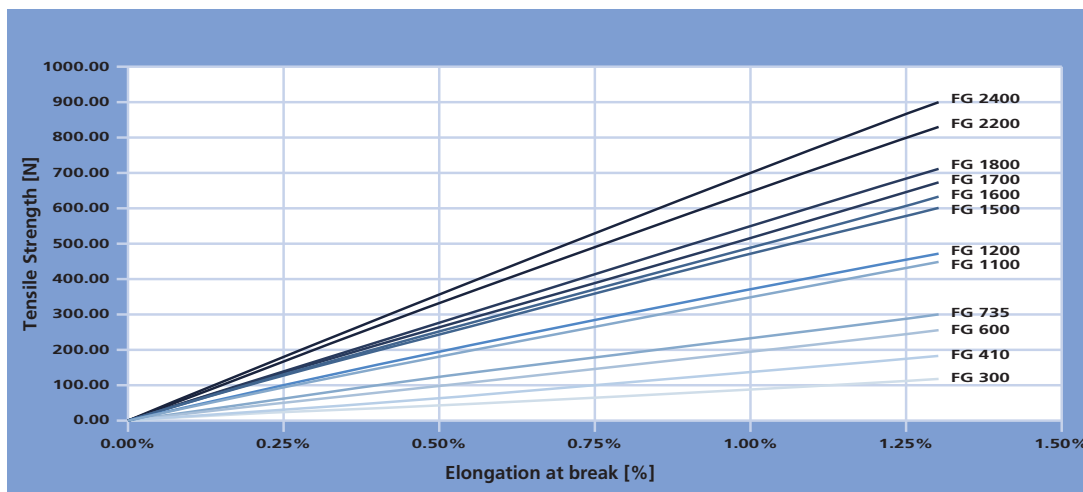
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Product Information

## Typical Product Properties:

		Weight [g/m]	Yield [m/Kg]	Lase 0.50% [N]	Lase 1.00% [N]	Young Modulus [Gpa]
	FG 300	0.30	3333.33	40	85	85
	FG 410	0.41	2439.02	70	135	80
	FG 600	0.60	1666.67	100	200	80
	FG 735	0.74	1351.35	120	235	80
	FG 1100	1.10	909.09	180	350	80
	FG 1200	1.20	833.33	195	375	75
	FG 1500	1.50	666.67	250	475	75
	FG 1600	1.60	625.00	255	490	75
	FG 1700	1.70	588.24	265	515	75
	FG 1800	1.80	555.56	275	550	75
	FG 2200	2.20	454.55	335	650	75
	FG 2400	2.40	416.67	355	700	70

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.

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.

