

# Coats® 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.

COATS  
gotex fg



RAW  
FIBREGLASS

## 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

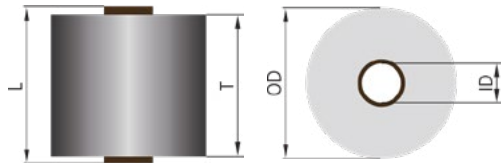


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## FIBRE PACKING:

- 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

## PACKAGING OPTIONS



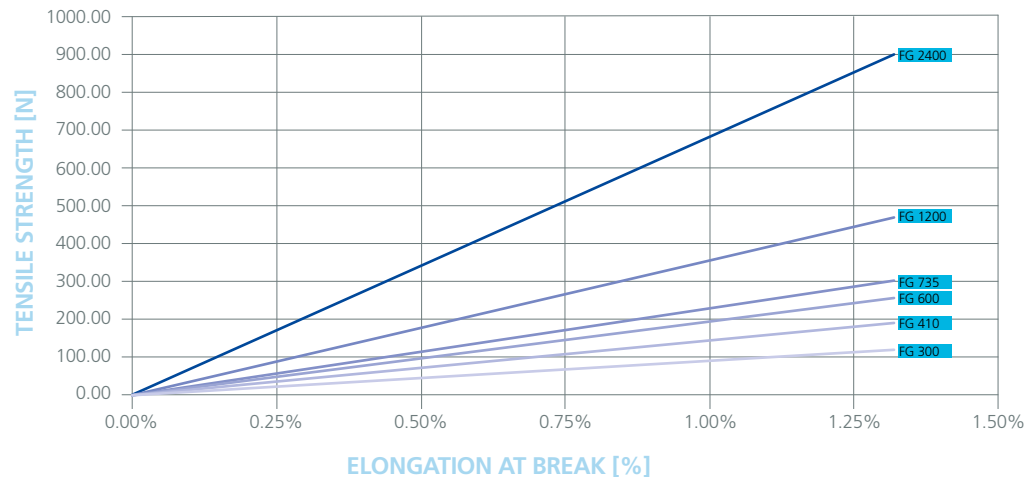
Tube Ref.	I.D.	Lenght	Traverse	Max. O.D.	Surface
T77x272	77mm	272mm	250mm	300mm	Rough
T94x215	94mm	215mm	195mm	300mm	Rough
T94x290	94mm	290mm	250mm	300mm	Rough
T107x215	107mm	215mm	195mm	300mm	Rough
T127x215	127mm	215mm	195mm	300mm	Rough & Sliced



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## PRODUCT RANGE

	Weight	Runnage	Lase 0.30%	Lase 0.50%	Lase 1.00%	Young Modulus	Tensile Strength	Elongation at Break
	g/m	m/kg	N	N	N	GPa	N	%
FG 34	0.034	29,411.76	3.84	8	11	75	15	1.65
FG 68	0.068	14,705.88	6	10	20	75	38	1.75
FG 136	0.136	7,352.94	15	25	45	75	84	2.10
FG 272	0.272	3,676.47	30	50	90	75	150	1.70
FG 300	0.30	3,333.33	35	55	100	80	155	1.70
FG 408	0.408	2,450.98	45	70	130	80	200	1.80
FG 410	0.41	2,439.02	50	70	135	80	180	1.80
FG 600	0.60	1,666.67	65	100	200	80	300	1.80
FG 735	0.74	1,351.35	70	120	235	80	350	1.80
FG 1200	1.20	833.33	125	195	375	75	600	1.85
FG 2400	2.40	416.67	230	335	700	65	1100	1.85



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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 technological bulletins, we'll provide support that achieves measurable results.

For more information, talk to your Coats representative today or visit [www.coats.com/gotex-fg](http://www.coats.com/gotex-fg)



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