Coats® Gotex FGU L

COATS
gotex fgu l

WATERBLOCKING FIBREGLASS

Gotex FGU L is a lightweight 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 choice of coatings to suit your end use and can even be coloured for identification purposes. It can also help stop 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

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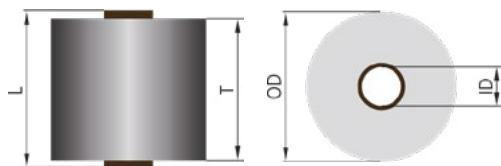
GOTEX

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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

WATERBLOCKING FIBREGLASS

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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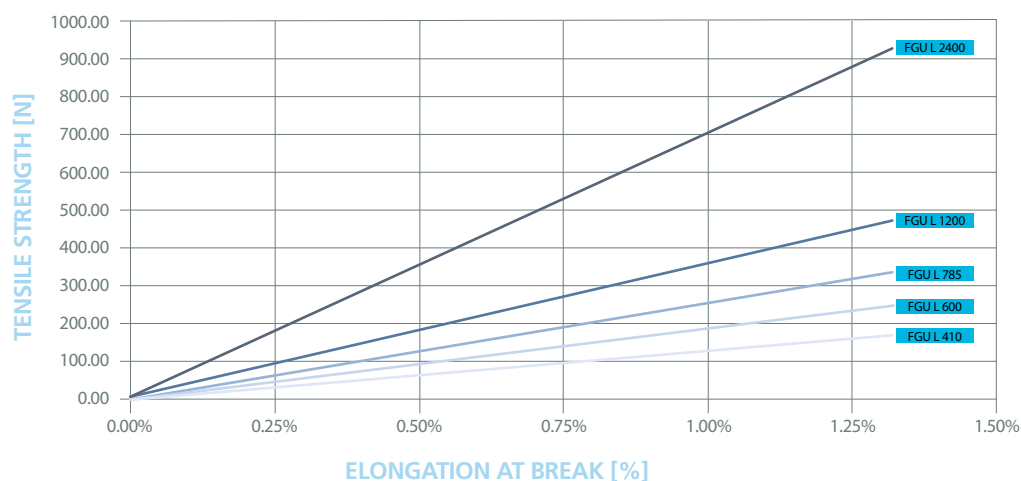
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PRODUCT RANGE

	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	N	%	%
FGU L 410	0.44	2272.73	45	75	145	75	240	2.10	300
FGU L 600	0.63	1587.30	65	100	200	75	330	2.20	300
FGU L 785	0.77	1298.70	80	130	245	75	480	2.30	275
FGU L 1200	1.27	787.40	130	200	385	70	660	2.30	275
FGU L 2400	2.52	396.83	230	375	720	70	1320	2.30	220

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TENSILE STRENGTH [N]

ELONGATION AT BREAK [%]

FGU L 2400
FGU L 1200
FGU L 785
FGU L 600
FGU L 410

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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-l**

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