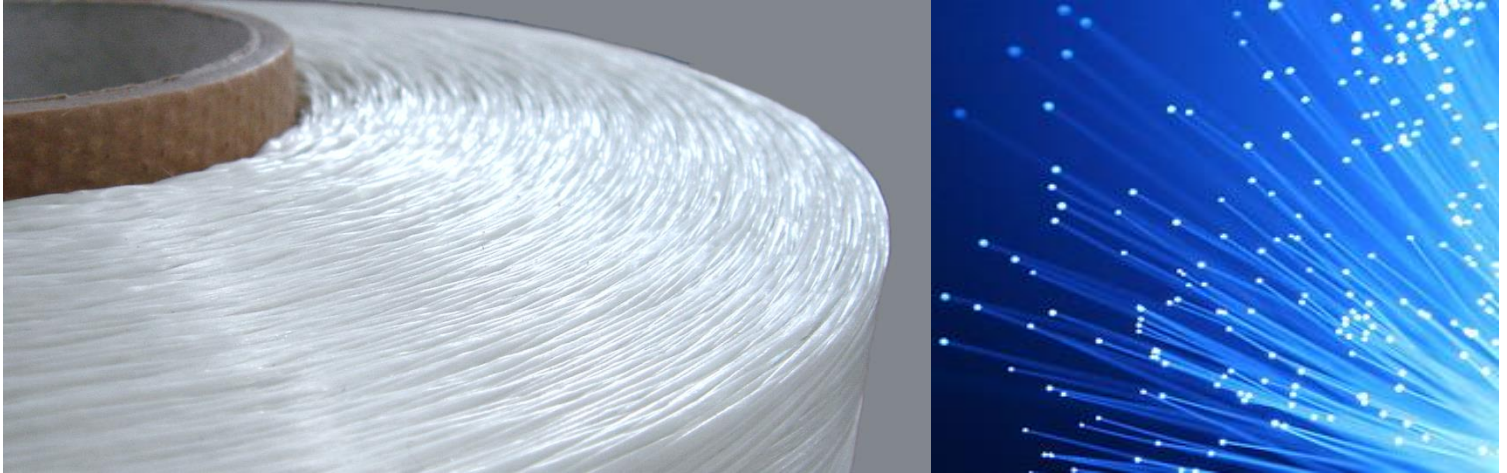


Water blocking glass yarn FVLW Series are primarily used as peripheral strength elements in fibre optic cables.

This flexible and flat glass yarn is composed from premium quality glass filaments, PU-polymeric resins and water blocking agents. The water blocking glass yarn offers a very high swelling capacity and prevent water from entering into the cable interior.



Fiber 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

Fiber performance

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

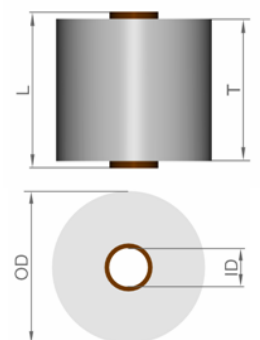
Fiber packing

- 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

Tube sizes

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

More sizes available upon request



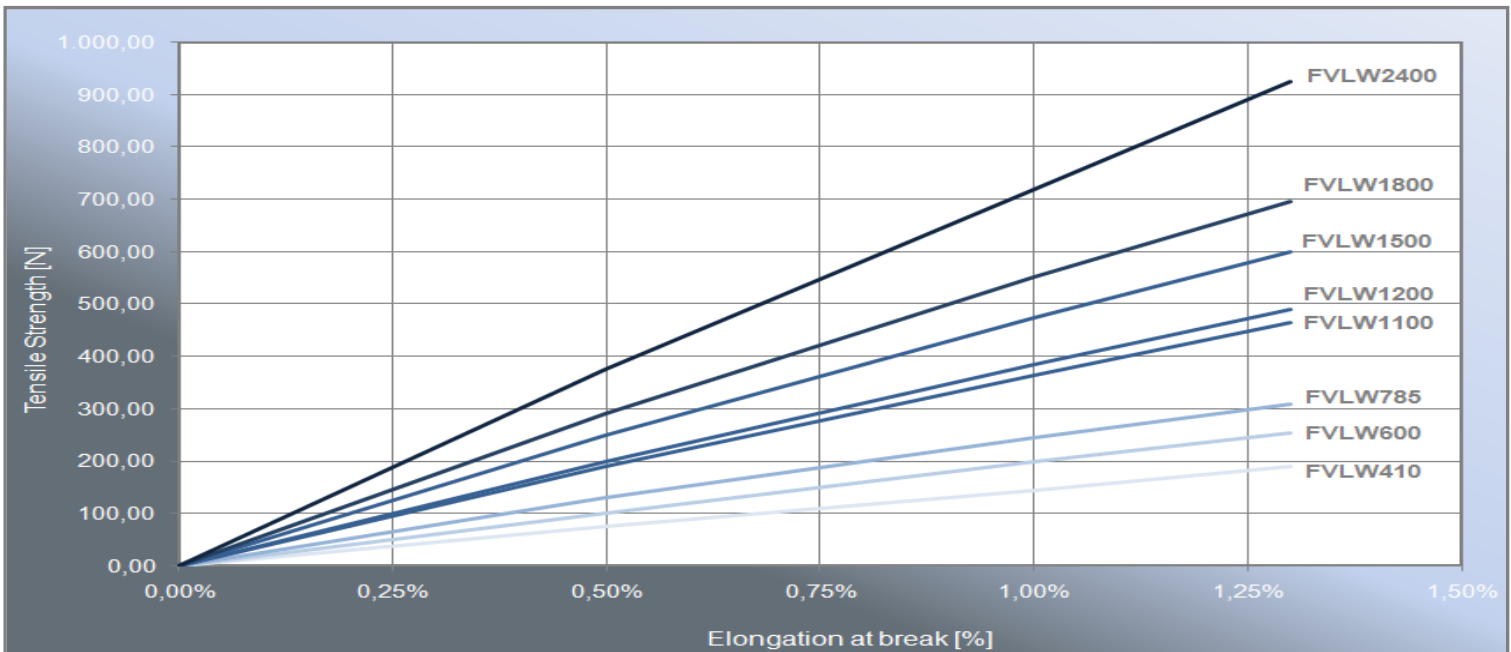
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FVLW SERIES

Typical product properties

		Weight	Runnage	LASE 0,50%	LASE 1,00%	Young Modulus	Absorption capacity
		[g/m]	[m/Kg]	[N]	[N]	[Gpa]	[%]
	FVLW410	0,44	2.272,73	75,00	145,00	75,00	300,00
	FVLW600	0,64	1.562,50	100,00	200,00	75,00	300,00
	FVLW785	0,77	1.298,70	130,00	245,00	75,00	300,00
	FVLW1100	1,17	854,70	190,00	365,00	75,00	250,00
	FVLW1200	1,27	787,40	200,00	385,00	70,00	250,00
	FVLW1500	1,58	632,91	250,00	475,00	70,00	250,00
	FVLW1800	1,90	526,32	290,00	550,00	70,00	250,00
	FVLW2400	2,52	396,83	375,00	720,00	70,00	200,00

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.

Disclaimer

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.

As we have no control over all factors involved in the use of this product, we assume no responsibility whatsoever for coverage, performance or damages. We explicitly recommend testing of the product before launching production.

GOTEX S.A. reserves the right to alter specifications and products without prior notice. No responsibility is accepted for errors or omissions. The data presented in this document cancels old editions.