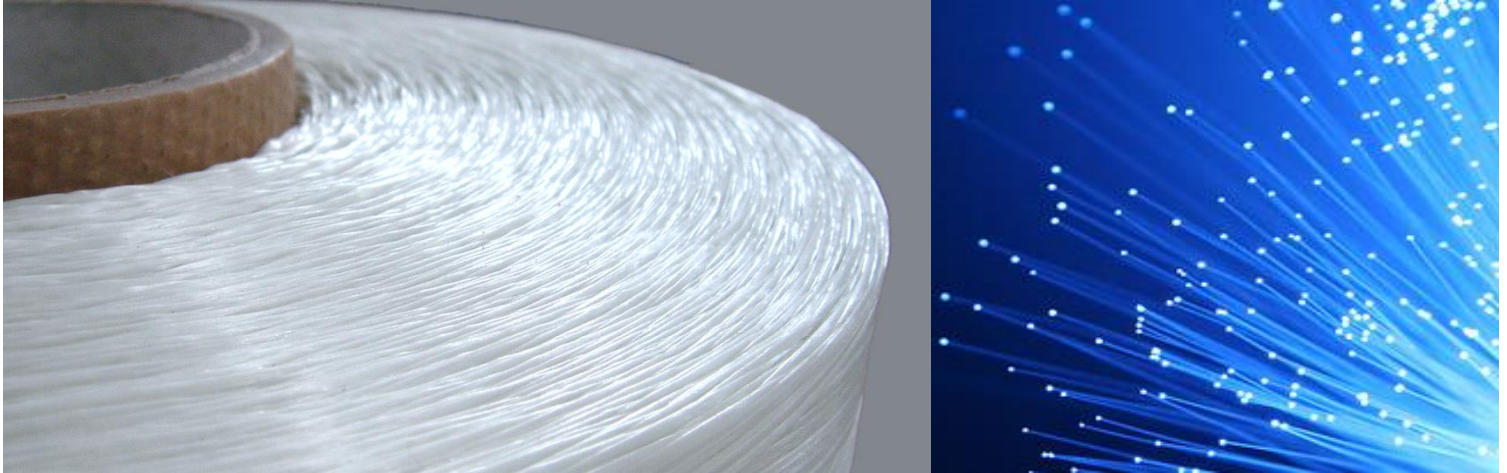


Glass yarn FVL Series are primarily used as peripheral strength elements in fibre optic cables.

This flexible and flat glass yarn is composed from premium quality glass filaments and PU-polymeric resins to enhance the properties and increase its abrasion resistance to heavy duty processes.



Fiber Features

Features & benefits

- 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

Fiber performance

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

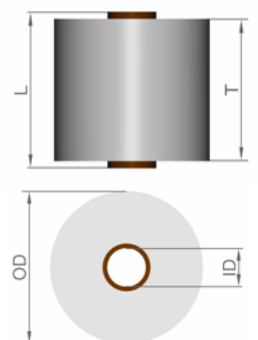
Fiber packing

- 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 |

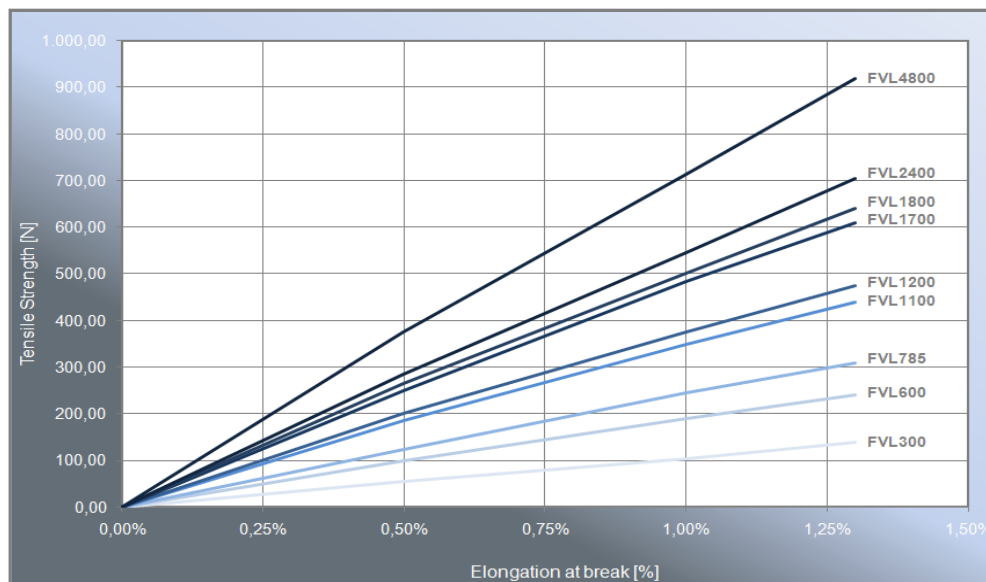
More sizes available upon request



Typical product properties

| | | Weight | Runnage | LASE 0,50% | LASE 1,00% | Young Modulus |
|--|---------|--------|----------|------------|------------|---------------|
| | | [g/m] | [m/Kg] | [N] | [N] | [Gpa] |
| | FVL300 | 0,30 | 3.333,33 | 55,00 | 105,00 | 80,00 |
| | FVL600 | 0,62 | 1.612,90 | 100,00 | 190,00 | 75,00 |
| | FVL785 | 0,75 | 1.333,33 | 125,00 | 245,00 | 75,00 |
| | FVL1100 | 1,10 | 909,09 | 185,00 | 350,00 | 75,00 |
| | FVL1200 | 1,25 | 800,00 | 200,00 | 375,00 | 75,00 |
| | FVL1600 | 1,60 | 625,00 | 255,00 | 495,00 | 75,00 |
| | FVL1700 | 1,74 | 574,71 | 265,00 | 500,00 | 70,00 |
| | FVL1800 | 1,84 | 543,48 | 285,00 | 545,00 | 70,00 |
| | FVL2400 | 2,45 | 408,16 | 375,00 | 715,00 | 70,00 |

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.

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