



Raw Fiber

FTI is the largest leaded glass (soft glass) fiber drawing company in North America. Our volume provides customers with distinct process and cost advantages. All fiber is made from the highest purity glass available. The same fiber used in our products is available to assemble your own product or just experiment with an idea.



Standard Features:

- Bundles up to 4000ft in length (1.2KM). NA of .25, .44, .55, or .66 in active diameters you specify
- Glass combinations to withstand steam sterilization
- Bundles are Individually poly bagged for safe transport.

Fiberoptics Technology also supplies fused doped silica fiber with an NA of .22 for applications that require lower attenuation and response to U.V. and IR light (below 400 nanometers, or above 1.3 micron). Our PMMA (Plastic) fiber (NA .5) is a great lower-cost alternative to glass for low heat applications. Melt resistant to 70°C

We also manufacture a glass fiber with special coating created for use in dynamic applications. Designed to withstand fatigue from installation in a repetitive motion environment up to 6M cycles.

Fiber Types and Lengths

Fiber Type	NA	Length	Diameter
Borosilicate Glass	.25NA	30' & 60'	25, 37, and 50micron Dia
Borosilicate Glass	.44NA	30' & 60'	25, 37, and 50micron Dia
Borosilicate Glass	.55NA	30' & 60'	25, 37, and 50micron Dia
Borosilicate Glass	.66NA	30' & 60'	25, 37, and 50micron Dia
PMMA (Plastic)	.50NA	Spools**	.010 (.250mm) .020 (.500mm), .030 (.750mm), .040 (1.00mm), .060 (1.50mm), .080 (2.00mm), and .120 (3.00mm) Dia.
Fused Doped Silica	.22 NA	Spools**	105 & 250micron Dia (Core)*

* This fiber has a core/clad and buffer construction to improve bending properties.

** Spool length varies with fiber type and diameter.

While we consider raw fiber to be standard product, many customizing options are available (packaging, bundle size and length). When raw fiber is sold, the product is typically manufactured per the customer's specification.

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Need more information? [Contact us.](#)

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Reference

- O&M Manuals
- Transmission Curves

Warranties

- Light Sources
- Fiberoptics

Calculators

- Lamp Life
- Fiber Count
- Acceptance Angle
- N.A. Calculator

Certifications

- CE
- FDA
- ETL
- ISO
- 510K
- ITAR
- ROHS & CM