

EXCALIBUR

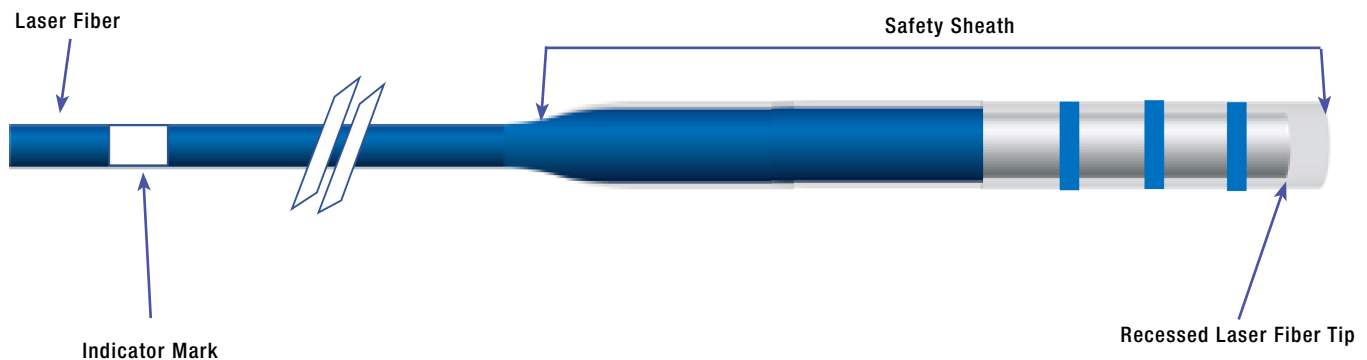
HOLMIUM LASER FIBER



Medical Device ACCESSORIES

The Excalibur holmium laser fiber with Safety Sheath, provides a recess from the fiber tip to the target tissue (i.e. stone). The advantages of the Safety Sheath are:

- **Scope-friendly:**
 - Fiber tip will not touch the scope's working channel, reducing scope damage
 - Passes easily through a flexed scope multiple times, eliminating the need to back out the scope for fiber insertion
- **Durable:** Eliminates fiber tip degradation and potential for total failure
- **Ease Of Use:** Provides the ability to safely touch and manipulate the stone
- **Ruler:** Engraved 1mm graduations along the sheath provide an effective measurement tool



[THE FORTEC ADVANTAGE]

- ✓ Avoid capital and maintenance costs
- ✓ Experienced, professional technician support
- ✓ A stable, professional partner
- ✓ Large inventory of surgical technologies

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Product Features & Specifications

EXCALIBUR

H O L M I U M L A S E R F I B E R

Specifications:

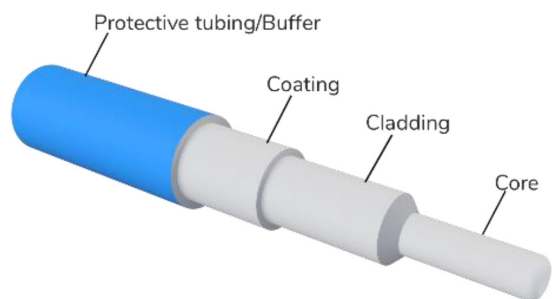
Available in 272 micron size

Sterile, single use

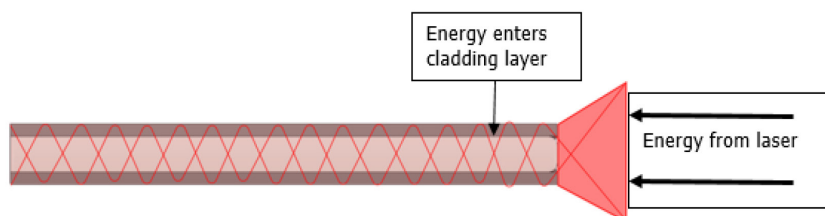
Fiber recessed 1/2 mm

Multi - layer protective design

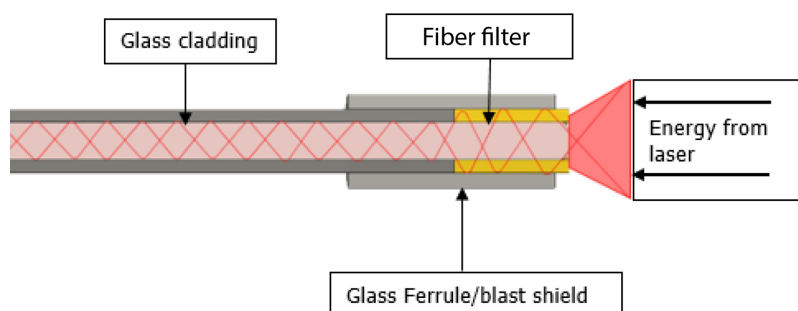
O.D. (including Safety Sheath) = 2.1 Fr.



Excalibur fibers employ four separate layers of material including a glass core, glass cladding, coating and protective outer tubing, also referred to as the buffer layer.



Without a filter, laser energy can easily enter the cladding layer of the fiber. If the fiber is deflected and there is too much energy in the cladding layer, the energy can spill into the coating layer resulting in major thermal damage to the fiber and flexible ureterscope.



The Excalibur fiber inhibits stray energy from entering the cladding layer, preventing thermal damage to the fiber and ureterscope. An additional glass ferrule serves as a blast shield, preventing energy from damaging the laser's optics.



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