

EXCALIBUR[®]

RECESSED HOLMIUM LASER FIBER



Medical Device
ACCESSORIES

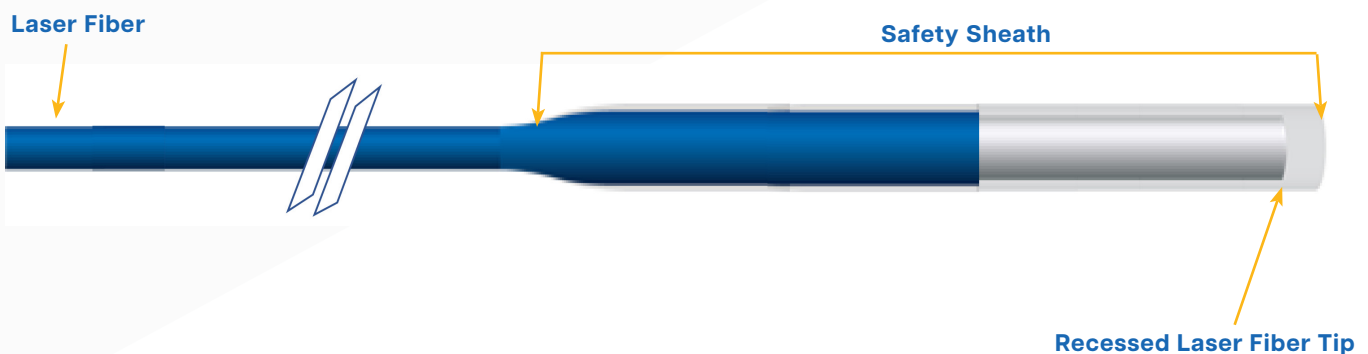
The Excalibur holmium laser fiber with Safety Sheath, provides a recess from the fiber tip to the target tissue. The advantages of the Safety Sheath are:

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

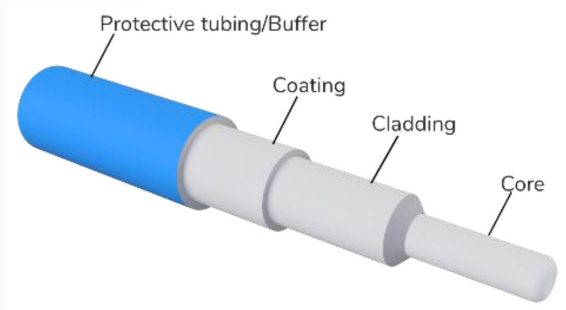
Ease Of Use: Provides the ability to safely touch and manipulate the stone



Product Features & Specifications

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Laser Specifications:

Available in 272 micron size

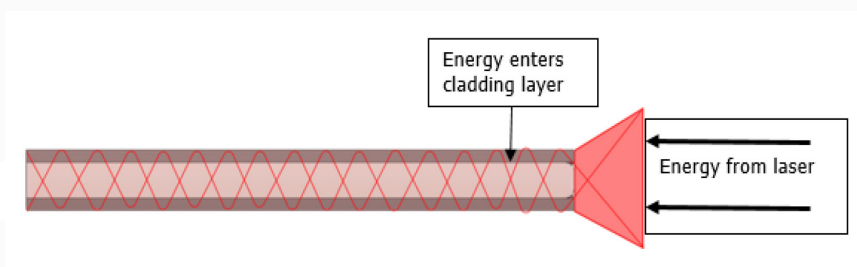
Sterile, single use

Fiber recessed 1/2 mm

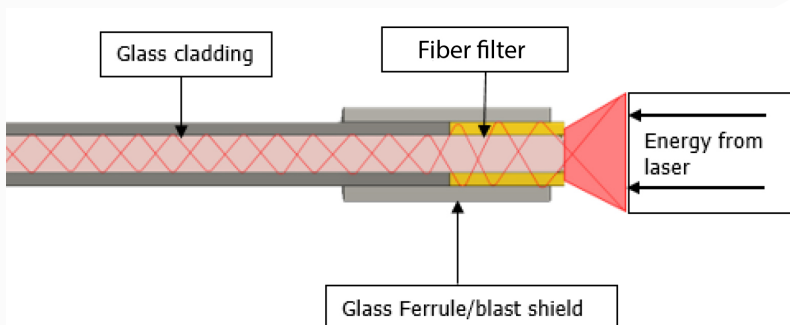
Multi - layer protective design

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.