Boston Scientific

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Flexiva™

High Power Single-Use Laser Fiber

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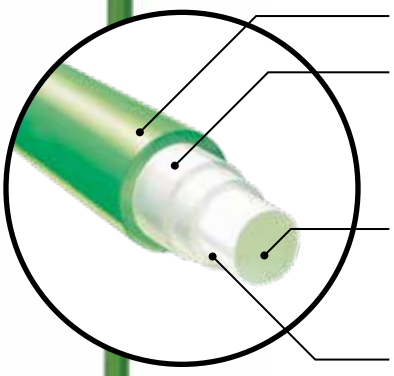
Laser compatibility is a key criteria for laser fiber performance. The Flexiva Fibers are cleared for use on Holmium and Nd:YAG lasers with standard SMA-905 Connectors and recommended for use with Lumenis Laser Systems. Flexiva Fibers offer technology designed to handle the power requirements of Lumenis Laser Systems while performing at a high degree of flexibility and durability for the most challenging cases.

Polished Output Tip

- Designed to remove sharp edges and reduce imperfections from mechanical or hand cleaving
- Damaged output tips can result in redirection or reflection of laser energy away from the fiber tip and potential for decreased output efficiency[1]

Bend Durability

- The Flexiva Fibers are designed to reduce scope damage, which can be caused by fiber breakage. The Flexiva 200 and 365 Fibers are engineered to perform at bend diameters smaller than a fully deflected flexible ureteroscope without thermal breakdown.
- FlexShield™ Technology for high durability and high power:
  - The Flexiva 200 Fiber can withstand a 1.0cm bend diameter at 50W[2]
  - The Flexiva 365 Fiber can withstand a 1.5cm bend diameter at 100W[2]



ETFE Jacket

Secondary Coating
designed for added protection against thermal breakdown during bending and scope deflection

Primary Coating
designed to keep energy in the core through total internal reflection

Pure Silica Core

Full Deflection

The Flexiva™ 200 Laser Fiber only limited the deflection angle of the scope by 5°, which compares favorably to previously tested sub-200 micron fibers.[2]

Flexiva 200 Fiber
in a fully deflected ureteroscope

Optical Connection

- The **Custom Guided Connector** is compatible with the optical parameters of Lumenis Laser Systems
- Designed to maximize performance by delivering consistent high output efficiency at the treatment site

Durability Performance Comparisons

Flexiva™ 200
bend diameter **1.0 cm @ 50W**[3]

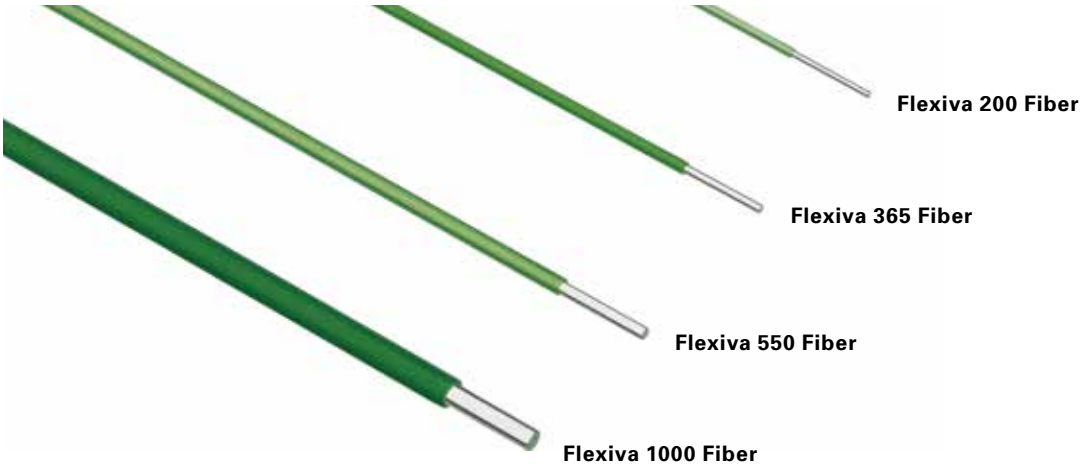
Olympus Lightguide™ 270
bend diameter **1.4 cm @ 30W**[4]

Flexiva is **~29%** more flexible

Olympus GentleFlex™
bend diameter **1.7 cm @ 30W**[5]

Flexiva is **~40%** more flexible

Flexiva™ High Power Single-Use Laser Fiber Ordering Information



Flexiva High Power Single-Use Laser Fibers (For Use with Lumenis VersaPulse™ Lasers)

Product Code	Description	Maximum input wattage	Units
M0068403910	Flexiva 200	50 watts	Each
M0068403911	Flexiva 200	50 watts	Box/5
M0068403920	Flexiva 365	100 watts	Each
M0068403921	Flexiva 365	100 watts	Box/5
M0068403930	Flexiva 550	100 watts	Each
M0068403931	Flexiva 550	100 watts	Box/5
M0068403940	Flexiva 1000	100 watts	Each
M0068403941	Flexiva 1000	100 watts	Box/5

Flexiva ID High Power Single-Use Laser Fibers (For Use with Lumenis Safety Enabled Lasers)

Product Code	Description	Maximum input wattage	Units
M006R8403910	Flexiva ID 200	50 watts	Each
M006R8403911	Flexiva ID 200	50 watts	Box/5
M006R8403920	Flexiva ID 365	100 watts	Each
M006R8403921	Flexiva ID 365	100 watts	Box/5
M006R8403930	Flexiva ID 550	100 watts	Each
M006R8403931	Flexiva ID 550	100 watts	Box/5
M006R8403940	Flexiva ID 1000	100 watts	Each
M006R8403941	Flexiva ID 1000	100 watts	Box/5

Please consult your sales representative for more information and ordering details. To learn more visit **www.bostonscientific.com/Urology**

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1. Lee H, Ryan RT, Teichman JM, et al. Effect of lithotripsy on holmium:YAG optical beam profile. *J Endourol.* 2003 Mar;17(2):63-7.
2. Khemees TA, Shore DM, Antiporda M, et al. Evaluation of a new 240-µm single-use holmium:YAG optical fiber for flexible ureteroscopy. *J Endourol.* 2013 Apr;27(4):475-9.
3. Bench testing results on file with Boston Scientific. Bench test results may not necessarily be indicative of clinical performance.
4. Olympus LightGuide DFU. 2013.
5. Olympus GentleFlex DFU. 2016.

CAUTION: U.S. Federal law restricts this device to sale by or on the order of a physician.

Refer to package insert provided with the product for complete Indications for Use, Contraindications, Warnings, Precautions, Adverse Events, and Instructions piror to using the product.

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Ordering Information
1.888.272.1001

URO-482403-AA NOV 2017