

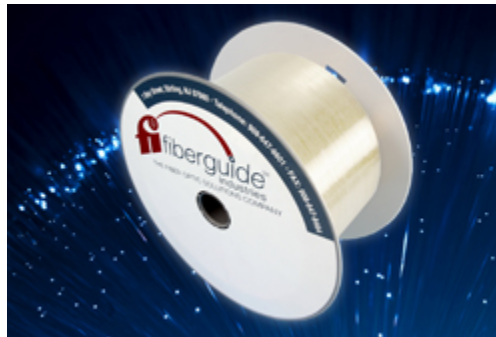


Press Release FG04-10

## Fiberguide's Plastic Clad Silica Fibers Offer Excellent UV and Infrared Transmission

*Low and standard OH fibers feature plastic cladding to prevent fiber breakage*

Stirling, N.J. (April 19, 2010) – For medical, scientific and military applications, Fiberguide Industries offers a full line of low and standard hydroxyl concentration (OH) plastic coated silica fibers. The Anhydroguide™ and Superguide™ are low cost optical fibers that provide superior UV and infrared transmissions.



Click on this low resolution image to download a full resolution file

Fiberguide's Anhydroguide fiber is constructed of a pure fused silica core, made by reacting silicon tetrachloride with oxygen using a plasma arc. This ensures a low residual OH for excellent infrared transmission. Superguide's silica core is constructed in the same manner, only with an oxy-hydrogen flame instead of a plasma arc, which maximizes the fiber's UV transmission properties.

Both fibers feature plastic cladding to protect the fiber during buffer stripping and prevent breakage, while increasing fiber strength and reducing static fatigue in humid environments. Fibers offer exceptional transmission in tight bends, with a high core-to-clad ratio and numerical aperture of 0.37. All materials used in construction are certified by NAMS to USP Class VI for non-toxicity and biocompatibility.

For additional information on these and other Fiberguide products and services, including new data sheets to assist with fiber selection, contact Fiberguide Corporate toll free at 877-490-7803, email [info@fiberguide.com](mailto:info@fiberguide.com) or visit [www.fiberguide.com](http://www.fiberguide.com).

Fiberguide Industries, Inc. manufactures a comprehensive line of standard and custom high optical transmission fibers, OEM assemblies and ultra precision arrays. The company is a part of the global Halma technology group, which also includes photonics specialists Ocean Optics ([www.oceanoptics.com](http://www.oceanoptics.com)), a leader in spectroscopy and optical thin films; and Labsphere ([www.labsphere.com](http://www.labsphere.com)), a recognized expert in the light metrology field. FDA registered as a Contract Manufacturer and Custom Device Manufacturer, Fiberguide's corporate and optical fiber manufacturing facilities are located in Stirling, New Jersey, with a manufacturing/assembly facility in Caldwell, Idaho.

###

To download a full resolution file of the image, please click on the image above or visit: [http://halmapr.com/fiberguide/FG PlasticCladSilica EMAIL.jpg](http://halmapr.com/fiberguide/FG%20PlasticCladSilica%20EMAIL.jpg)

This Press Release and an archive of all Fiberguide news can also be found on the Fiberguide News Blog at: <http://halmapr.com/news/fiberguide>

**Enquiries to:**

Konrad Lisi  
Fiberguide Industries  
1 Bay Street  
Stirling, NJ 07980 USA  
Tel: +1 908.647.6601  
Fax: +1 908.647.8464  
E-mail: [info@fiberguide.com](mailto:info@fiberguide.com)  
Website: [www.fiberguide.com](http://www.fiberguide.com)

**Press Contact:**

Rob Dietrich  
Halma Holdings PR Services  
11500 Northlake Dr., Suite 306  
Cincinnati, OH 45249  
Tel: +1 513.898.8007  
Fax: +1 513.898.8008  
E-mail: [rob.dietrich@halma.com](mailto:rob.dietrich@halma.com)  
Website: [www.halmapr.com](http://www.halmapr.com)