



Welcome to VitroCom

Producing high-quality, precision glass solutions, VitroCom meets your most exacting and complex requirements.

Who We Are

VitroCom, formerly known as VitroDynamics, has been fabricating precision glass products for more than 35 years. Our experienced, highly qualified technicians use state-of-the-art equipment and proprietary processes to achieve the industry's most exacting dimensions and tolerances. Our focus on precision and ability to meet customer specifications has been the foundation of VitroCom's longevity and global reputation for quality.

Markets Served

Medical	Laser
Research	Industrial

Custom Glass Products

VitroCom specializes in the manufacture of precision glass components of extraordinarily high-quality. Providing products ranging from standard to ultra-miniature sizing, customers worldwide count on VitroCom's ability to consistently produce products and value-added features that meet exacting requirements for quality and reliability. Custom-manufactured products include specialty capillary tubing, non-circular tubing in most geometric configurations, flow cells, low-cost spectrophotometer cells, and fiber termination ferrules.

Stock Glass Products

In addition to our custom-manufacturing services, VitroCom offers a wide spectrum of stock glass products in various sizes and options. Products include round precision capillary tubes, square and rectangular tubing in numerous sizes, Vitrotubes, and Microcells (rectangular and square, hollow glass capillaries).

VITROTUBES™ - Hollow Rectangle Capillaries
VitroCom fabricates a complete line of high-quality

Vitrotubes (Hollow Rectangle Capillaries) in Borosilicate and synthetic fused silica glasses that can be drawn to various sizes. Vitrotubes provide the fastest, cleanest, most convenient method for collecting, viewing, and storing liquid samples. These volumetrically accurate tubes enable precise measurement of particle and cell count, mobility and reactivity.

VITROCELLS™ - Hollow Square Capillaries
VitroCom fabricates a complete line of high-quality VitroCells (Hollow Square Capillaries - formally known as Microcells) in Borosilicate glass that can be drawn to various sizes. VitroCells are precision square glass capillary tubes with flat, thin, parallel walls for viewing microscopic objects in two optical planes at right angles.

ROUND CAPILLARY TUBING

VitroCom's Round Capillary product line is available in a broad combination of inner and outer diameters (ID and OD), in Borosilicate, clear fused quartz, and synthetic fused silica glasses. Tolerances of +/-10% are standard, but this high-quality, precision drawn tubing can be made to a customer's specification with tighter tolerances if required.



SQUARE TUBING & RECTANGULAR TUBING

A complete line of standard square and rectangular tubing in a wide variety of sizes and wall weights is available in Borosilicate and clear fused quartz.

Stock Glass (options and sizes available for most products):

TWO & FOUR BORE TUBING

Our complete product line of precision drawn two and four bore tubings in Borosilicate and clear fused quartz glasses have excellent insulating qualities. They are utilized in thermocouple and electro-chemical probes, and other applications that require a great degree of insulating/isolating safety characteristics or precision placement.

HEAVY WALL CAPILLARY TUBING

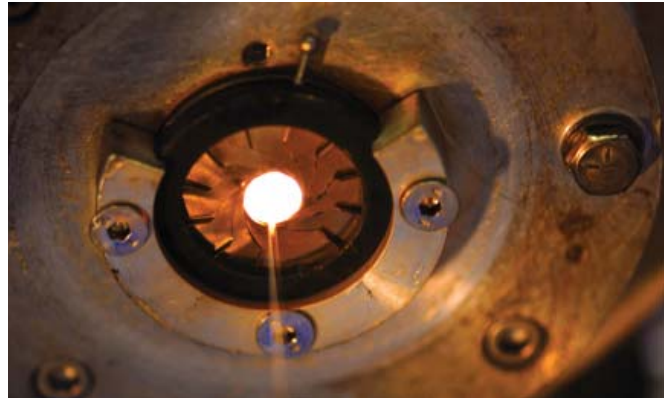
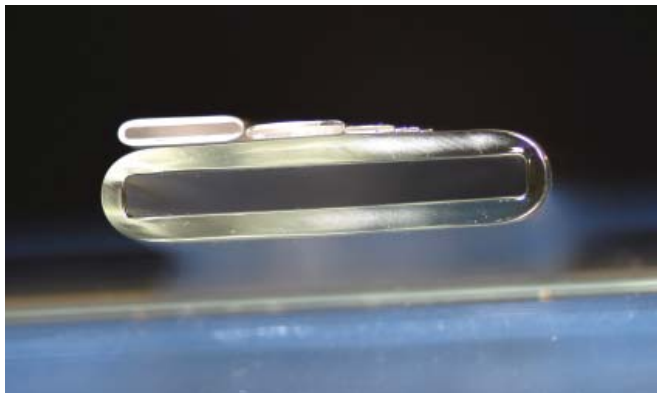
Heavy Wall Capillary tubing serves as clear, precise instrumentation tubing and has application where protection from a rugged and/or hostile environment is required.

MULTI-BORE TUBING

Custom Multi-Bore tubings are available in Borosilicate and clear fused quartz glasses in various configurations. Multi-Bore products have numerous bores which are accurately drawn in precise locations within the tubing to meet the most demanding specifications.

RECTANGLE & SQUARE CELLS

Rectangle and Square Cells are made from our high-quality, precision drawn Borosilicate and clear fused quartz tubings. A flat bottom is formed or fused on, not cemented, to these clear glass containers and the open end is fire polished. These cells have application where high purity work and transmission of UV are required.



FIBER OPTIC FERRULES & ALIGNMENT SLEEVES

VitroCom manufactures ultra high-quality precision glass ferrules and alignment sleeves for the fiber optic market from Borosilicate and clear fused quartz glasses. These custom made ferrules are made to a customer's specifications. Alignment sleeves are precision drawn products made to a customer's specification with clear fused quartz glass and various types of Borosilicate glasses (N51A, Soda Lime, etc.).

FIBER OPTIC SUBSTRATES

Custom clear fused quartz glass substrates and components are precision drawn for use in fiber optic applications and/or component packaging, and can be manufactured in various configurations per a customer's drawing/specification. Applications can be for fiber support and/or alignment purposes, or for isolating fiber within the package.

HTR1099 MICROSLIDE

Our Borosilicate microslides are custom designed and developed with direct input from Hamilton Thorne Research in conjunction with the introduction of their state-of-the-art computerized cell analysis systems.

For information on VitroCom's product line, please visit www.vitrocom.com

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