



Standard Products

Ceramic Rod & Tube

[Accuflect®](#)[Macor®](#)[Ceramic Rod & Tube](#)[> Aluminum Oxide
> Sizes](#)[> Mullite Sizes](#)[> Sialon Sizes](#)[Aluminum Nitride
Substrates](#)

Accuratus maintains an inventory of standard extruded and cast aluminum oxide, mullite and sialon ceramic tubes and rods for fast delivery requirements. These are low cost, quality rods and tubes that can be quickly cut to precision lengths. (See [Mullite Sizes](#), [Aluminum Oxide Sizes](#) and [Sialon Sizes](#)). Accuratus will also custom fabricate any tube geometry not shown in the standard catalog list. Please call us for your special requirements or send your engineering drawings for quotation.



- Refractory
- Hard
- Dielectric
- Low Cost
- Fast Delivery

Manufacture

Low cost, volume manufacturing processes are used to produce these tubes. Strong and impervious, they are extruded in smaller sizes and cast in larger sizes then batch fired at high temperatures in specialty kilns to maintain dimensional integrity and consistent material properties.

Properties

Detailed information on the [mullite](#), [aluminum oxide](#) and [sialon](#) is available in the [Materials](#) section. The mullite is characterized by a low thermal expansion coefficient. The aluminum oxide is noted for its superior refractoriness. Sialon is an outstanding thermal shock resistant material. Each material offers the designer, engineer and scientist a cost effective, electrically insulating, high temperature material.

Applications

Mullite, aluminum oxide and sialon rod and tubing find a wide range of applications throughout industry and academia. Their excellent combinations of material properties make them suitable for a wide range of demanding thermal, chemical, wear and electrical applications.

See also: [Materials > Aluminum Oxide](#)

See also: [Materials > Mullite](#)

See also: [Materials>Sialon](#)

[Back to top](#)

[Standard Products](#) | [Custom Products and Services](#) | [Case Studies](#) | [Materials](#)
[Design Notes](#) | [Working Together](#) | [Vision](#) | [Contact Us](#) | [Site Map](#)

1-908-213-7070

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Site Design M. Adams