
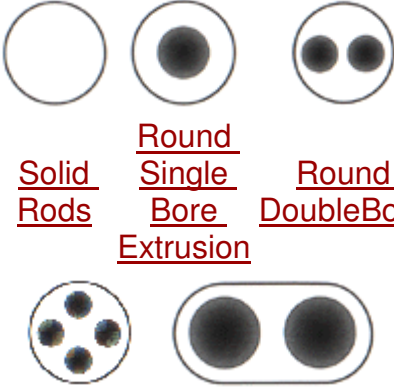


- **Tubes, Rods, Labwares, Crucibles**
- **Silicon Nitride**
- **Alumina 99.8%**
- **Alumina 96%**
- **Zirconia**

<p style="text-align: center;">Large Diameter</p>  <p style="text-align: center;"><u>Round Single Bore Cast</u></p>	<p>Available as Closed One End (COE) or Open Both Ends (OBE)</p> <p>Large diameter tubes are produced by slip casting. If a special shaped tube is required, please advise and we will be happy to quote.</p>
<p style="text-align: center;">Small Diameter</p>  <p style="text-align: center;"><u>Solid Rods</u> <u>Round Single Bore Extrusion</u> <u>Round DoubleBore</u></p> <p style="text-align: center;"><u>Round Four Bore</u> <u>Oval Double Bore</u></p>	<p>Tubes are Available Open Both End only.</p> <p>Small diameter tubes and rods are produced by extrusion. We offer solid rods, single, double and 4-bore tubing and oval double bore tubing at various stocked lengths.</p>

Sialon Tubes are available in the following

- ❖ 12.5mm x 6.5mm
- ❖ 16mm x 9mm
- ❖ 22mm x 12mm
- ❖ 28mm x 16mm

Tube dimensions are available closed one end, open both ends, with flange, grooved, and threaded.

To receive pricing on these standard sizes or for dimensions required outside these standard sizes, please fill out our **Request for Quote** form and we will provide you with a quote specific to your needs.

standard sizes:



Mullite ($3\text{Al}_2\text{O}_3 \cdot 2\text{SiO}_2$) is a refractory oxide material combining low thermal expansion, good mechanical strength, and resilience at elevated temperatures. Our Mullite is formulated to produce dense, impervious shapes, with optimized thermal shock resistance and strength.



Standard Mullite products include various single and multi bore tubes that are available for [**purchase online.**](#) We also have significant capabilities for producing custom engineered Mullite products. Give us a call at a [**location near you,**](#) or fill out our [**Request for Quote**](#) form, so one of our experienced engineers can assist you in the material selection and design of your advanced ceramic component.

Grades	Typical Uses
<p>MV20 and MV-HR1 are dense mullites formulated to offer high quality economical options for moderately high temperature applications.</p>	<p>Insulators and thermocouple protection sheaths in oxidizing conditions for base and noble metal thermocouples. Furnace muffle tubes. Limited to temperatures up to 1450 °C.</p>
<p>MV30 is an extremely versatile and economical material. Its workability</p>	<p>Thermocouple protection tubes, target and sight tubes, furnace muffles, diffusion furnace liners, combustion tubes, radiant furnace tubes and kiln rollers.</p>

allows an extensive range and flexibility in fabrication. It is well suited for the casting of special shapes and larger tubes.



For over 30 years, we have been a leading supplier of Labware and industrial Crucibles. Our line of Labware consists of Boats, Trays, Dishes, Discs and Crucibles. Our industrial applications consist of Crucibles and Ladles. These applications are made from Alumina 998 and Zirconia. These materials offer refractory qualities, thermal shock resistance and prolonged life. We have a variety of standard catalog sizes that are available for purchasing

Our mission is to be your engineered ceramics solutions provider. If your application requires a custom ceramic component, we would like to partner with you. Please give us a call at a **location near you**, or fill out a **Request for Quote** form so one of our experienced engineers can assist you in the material selection and design of your advanced ceramic component.