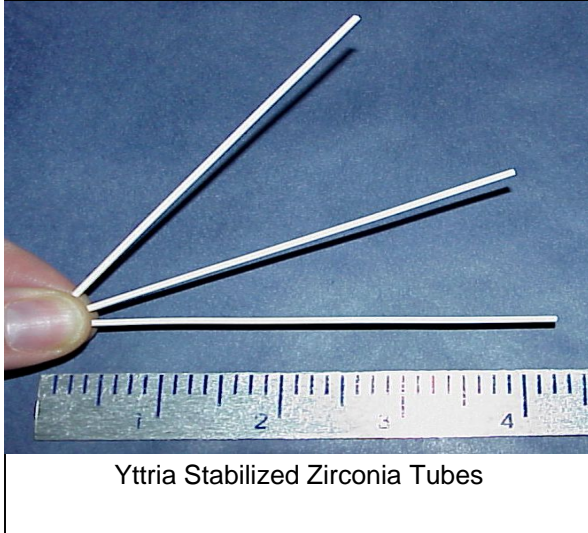




Zircar Zirconia, Inc.
"Manufacturer of the original ZIRCAR products" ©

Dense Zirconia Tube TYPE DZT



Yttria Stabilized Zirconia Tubes

FEATURES

- Partially stabilized with 8 mol% Yttria
- High ionic conductivity
- 3 mol% Yttria and Alumina available

Our standard dense zirconia tubes are fully stabilized with 8 mole % yttria. They are thin walled, extruded structures, dimensionally stable to 1450 C. They have exceptional resistance to oxidizing and reducing atmospheres at high temperatures.

SPECIFICATIONS

Yttria Phase Stabilization	8 mol%
Maximum Continuous Use Temperature	2000°C
Density (g/cc)	>5.95
Thermal Conductivity (W/mK)	3
Thermal Expansion Coefficient	11×10^{-6}
Ionic Conductivity at 850 C (S/m)	>10
Gas Permeability	nil

ORDERING INFORMATION

Zirconia dense tube Type **DZT** is sold as a standard sized tube listed below along with the ordering item number. Alumina and 3YSZ versions are quoted on an individual basis.

8YSZ, 1.1mm ID x 1.4mm OD x 100mm long	Item BJB001
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