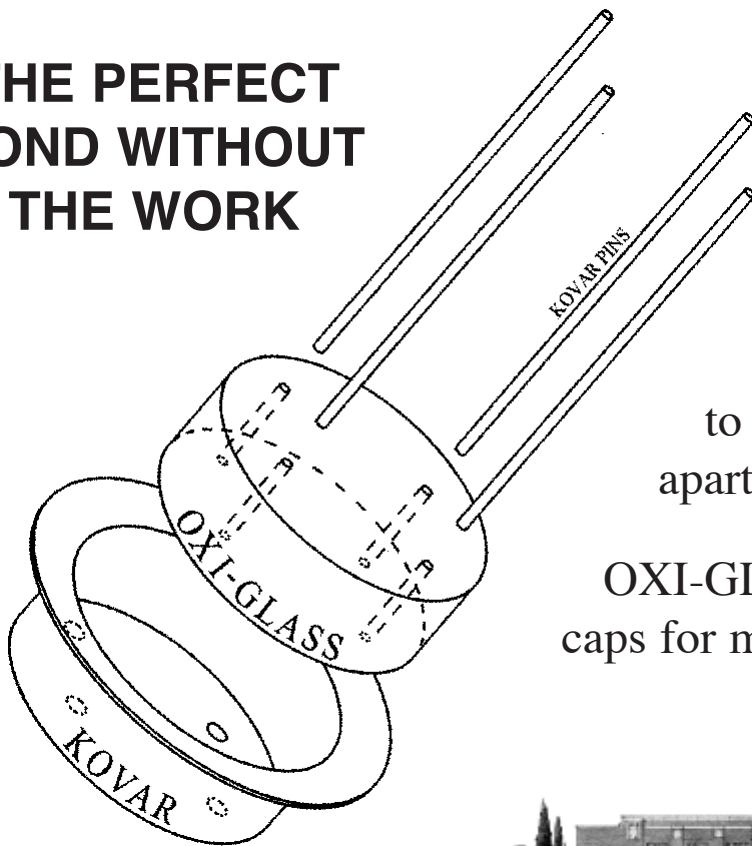


# KOVAR SEALING OXI-GLASS HT-202-1

## PHYSICAL PROPERTIES

| PROPERTY            | UNIT                  | OXI-GLASS             |
|---------------------|-----------------------|-----------------------|
| Thermal Expansion   | 25-300°C              | 54 X 10 <sup>-7</sup> |
| Strain Point        | °C                    | 462                   |
| Annealing Point     | °C                    | 507                   |
| Softening Point     | °C                    | 731                   |
| Sealing Temperature | °C                    | 1010*                 |
| Density             | gr/cm <sup>3</sup>    | 2.32                  |
| Dielectric Constant | 25°C, 1 MHz           | 6.0**                 |
| Loss Factor         | 25°C, 1 MHz           | 2.7%**                |
| Volume Resistivity  | 250°C (log 10) ohm-cm | 8.1**                 |
| Volume Resistivity  | 350°C (log 10) ohm-cm | 6.5**                 |

**THE PERFECT  
BOND WITHOUT  
THE WORK**



**O**XI-GLASS HT-202-1 was developed to reduce labor hours, processing steps and the cost of manufacturing quality Kovar seals. Its unique ability to hermetically attach itself to Kovar without pre-oxidation sets it apart from conventional sealing glasses.

OXI-GLASS is also available with Duplex caps for meniscus control.

\* Recommended (depending on furnace conditions)  
\*\* Calculated Values



**Electro-Glass Products**

*"Quality from people who care."*

*United States of America*

Phone: (724) 423-5000 FAX: (724) 423-7955

P.O. Box 157, Mammoth, PA 15664 USA [www.electro-glassprod.com](http://www.electro-glassprod.com) E-mail: [egp@electro-glassprod.com](mailto:egp@electro-glassprod.com)

E-10-11