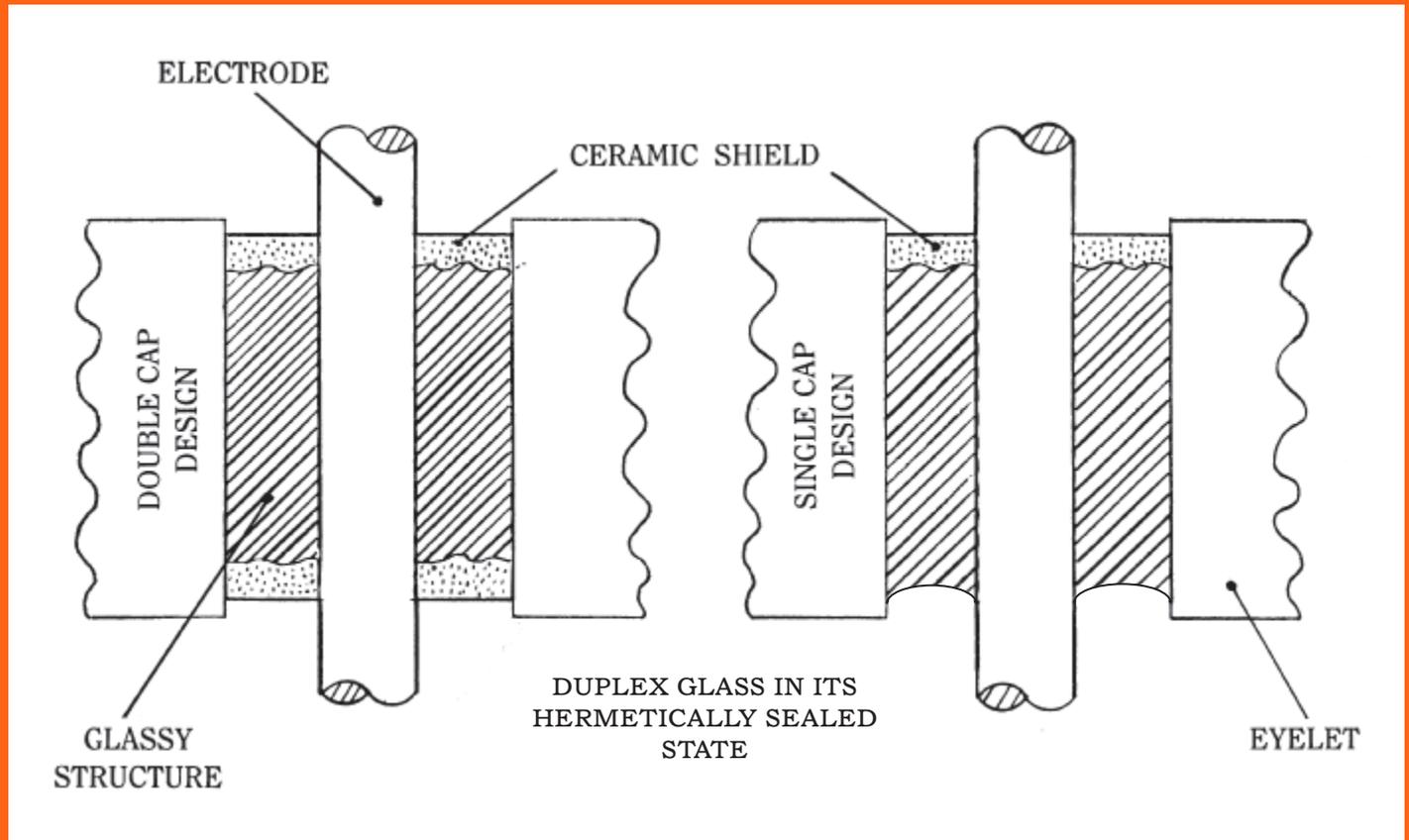


MENISCUS CONTROLLED DUPLEX-GLASS PREFORMS



Electro-Glass Products offers a Duplex Glass preform designed to control meniscus climb and meets the requirements of MIL-STD-883C, Methods 1004, 1008-1011, 1014, 1018, 2007 & 2009.

With virtually no meniscus, **Duplex** glass provides several orders of magnitude improvement in hermeticity, with leak rate of 1×10^{-9} or lower cc/He/sec achieved consistently.

Duplex glass is available in a variety of cap combinations to enhance strength, toughness, and meet the specific needs of the customer for both **Kovar and compression seals**.

The purpose of Duplex glass is to prevent the glassy phase from penetrating above the **ceramic shield**; therefore, **eliminating meniscus climb and thus meniscus cracks**. The ceramic caps are available on one or both ends of the preform as shown above. For further information, please contact our Sales Department.

Patented December 29, 1987 (Patent No. 4716082) by Isotronics of New Bedford, Massachusetts, Duplex I for Kovar sealing and Duplex III for compression sealing are exclusively produced and sold by Electro-Glass Products worldwide.



Electro-Glass Products

"Quality from people who care."

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