

**Electro-Glass Products**  
**STANDARD SEALING GLASSES**  
**Listed by Expansion**

March 2015

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Product Code	Series Type	Seal Density (g/cm <sup>3</sup> )	Expansion (X10 <sup>-7</sup> )	Strain Temp °C	Annealing Temp °C	Softening Temp °C	Working Temp °C	Type Seals
4100	7070	2.07	32	455	495	----	1068	Microwave
4200	7740	2.16 / 2.23	32.5	510	560	821	1252	General
2790	----	2.13	35	----	555	682	1000	Metal Packages
3200	EN-1	2.23	47	437	482	716	1115	Matched (Kovar)
DUPLEX-I	----	2.23	47	437	482	716	1115	Matched (Kovar)
3100	----	2.23	47	450	494	724	1013	Matched (Kovar)
MP-30	----	2.25	47.4	548	605	898	1439	Matched
3221	----	2.36	49	441	486	722	1130	Matched
IX-2502	----	2.05	49	----	540	723	940	Matched (Tungsten)
EG-2807	----	3.70	49	560	570	645	825	Kovar Molybden Tungsten
F-2719	----	2.23	48.5	500	490	702	900	Kovar
3270	----	2.25	51	458	502	712	1070	Kovar Ceramic
EG-2800	----	2.65	52	----	710	868	1000	Li-SO2 Battery
EG-0011	TA-23	2.65	52	662	700	863	1000	Li-SO2 Battery

• All glasses made other than at Electro-Glass Products will need delivery quoted.

\* Theoretical density.

---- Not published.



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HT202-1	OXI-Glass	2.32	54	462	507	731	1010	Matched (Kovar)
7000	IN-3	2.32	56	479	521	710	1055	Kovar Tantalum Ceramic
7010	----	2.25	56	480	521	755 ref	1060	Matched Flat Pack Seals
7015	----	2.27	56	480	521	760 ref	1075	Matched Flat Pack Seals
EG-0013	Cabal-12	2.50	68.6	600	620	661	800 / 900	Lithium Battery Seals/Aluminum Oxide
2164	----	2.50	87	434	474	663	974	Compression
DUPLEX III	----	2.47	87	434	474	663	974	Compression
CP-4	----	2.50	88	575	628	898 ref	980-1037	Compression
1010	----	2.45	89	409	447	625	843	Compression
6000	R-6	2.42	93	486	525	700	985	Compression Nickel
EG 3600	----	2.60*	124	470	490	580	650	Compression Nickel
EG 3606	----	2.65*	152	390	405	480	625	Copper
EG 3608	----	2.77*	172	372	395	465	600	Aluminum

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