



## GLASSES FOR SEALING APPLICATIONS

VIOX Corporation offers a number of glasses suitable for sealing applications. Contact us with your specific sealing requirements. Our glasses are melted in platinum lined vessels ensuring consistency of physical properties and preventing unwanted impurities. Sealing glass powders can be provided in spray dried form (a range of binders is available) or custom ground to your particle size specifications. The following table lists some typical formulations:

Glass N <sup>o</sup>	Density (g/cc)	Soft. Pt. (°C)	CTE (ppm/°C)	T <sub>g</sub> (°C)	T <sub>s</sub> (°C)	Equivalent Glass or Application
V1500	2.72	862	5.2	717	784	TA-23
27903	2.55	722	6.8	613	657	CaBAI-12
16911	2.68	680	9.6	565	611	CGW 9013
24919	5.73	493	8.5	442	466	Ti-Pt Seal
12928	2.52	660	5.0	505	N/A	Schott 8245
34903	2.99	395	22.5	305	353	300 SST/Be-Cu
V0878	2.91	717	3.1	575	620	CGW 7061
V0879	3.14	648	4.0	539	598	CGW 7063
12910	2.33	717	4.3	N/A	N/A	CGW 7050
14967	3.00	621	8.5	460	524	CGW 0120
34904	2.96	422	20.1	317	375	Aluminum Seal
19708	2.34	590	9.4	465	N/A	"S-Glass"
29607	3.03	661	8.7	589	625	BaBAI-1D
29707	2.66	697	7.2	613	635	CaBAI-3
29708	2.25	662	5.7	577	629	CaBAI-10
24569	6.83	400	10.7	324	347	CGW 7575
12929	2.34	719	4.7	544	613	CGW 7052 equiv.
16907	2.59	654	10.0	481	559	TM-9

**Disclaimer:** VIOX Corporation believes this data to be accurate and for reference use only, subject to normal manufacturing variations. No warranty is expressed or implied regarding accuracy of the information.



VIOX Corporation is the winner of the Washington State Quality Award, and is ISO 9001:2000 certified.



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