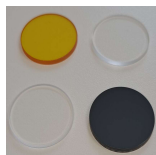


Witness Samples For Optical Coating



Witness samples for optical coating are optical windows from different glass materials double side polished with L/2 and s/d 60/40. The diameter of the windows is 25mm and the thickness is either 1mm or 2mm.

prices (USD/pc) for windows from stock (1-20pcs)

code n_d-v_d	glass	n_d	v_d	n_e	v_e	CTE ppm/K	density g/cm ³	dia 25 x 1mm USD/pc	dia 25 x 2mm USD/pc
378105	MgF₂	o1.3777 e1.3895	o104.9 e105.3	o1.3786 e1.3904	o105.2 e105.5	llc 8.8 _c 13.1	3.18	39.00	63.00
434943	CaF₂	1.4339	94.3	1.4349	94.5	18.4	3.18	22.00	25.00
438945	H-FK95N	1.4378	94.5	1.4389	94.1	14.4	3.52	11.00	11.50
439948	S-FPL55	1.4388	94.7	1.4399	94.2	13.6	3.59	55.00	58.00
439950	S-FPL53	1.4388	94.9	1.4399	94.5	14.5	3.62	63.00	65.00
456909	N-FK58	1.4560	90.9	1.4572	90.5	13.7	3.65	97.00	99.00
457903	H-FK71	1.4565	90.3	1.4577	89.8	13.6	3.63	11.00	11.00
458678	UVFS	1.4585	67.8	1.4601	67.7	5.5	2.23	8.00	8.50
458678	UVIFS	1.4585	67.8	1.4601	67.7	5.5	2.23	25.00	31.00
487702	S-FSL5	1.4875	70.2	1.4892	70.0	9.0	2.46	31.00	33.00
487704	N-FK5	1.4875	70.4	1.4891	70.2	9.2	2.45	37.00	39.00
487845	N-FK51A	1.4866	84.5	1.4879	84.1	12.7	3.68	73.00	79.00
497816	S-FPL51	1.4970	81.5	1.4985	81.1	13.1	3.62	39.00	42.00
497816	N-PK52A	1.4970	81.6	1.4985	81.2	13.0	3.70	65.00	71.00
497816	H-FK61	1.4970	81.6	1.4985	81.2	13.1	3.70	11.00	11.50
516641	S-BSL7	1.5163	64.1	1.5183	63.9	7.2	2.52	6.00	7.00
517642	N-BK7	1.5168	64.2	1.5187	64.0	7.1	2.51	6.00	7.00
517642	H-K9L	1.5168	64.2	1.5187	64.0	7.1	2.51	6.00	7.00
523588	B270	1.5230	58.8	1.5251	58.3	9.4	2.56	6.00	6.50
540595	S-BAL12	1.5400	59.5	1.5421	59.2	8.6	2.75	33.00	37.00
540597	N-BAK2	1.5400	59.7	1.5421	59.4	8.0	2.86	33.00	37.00

Witness Samples For Optical Coating

code n _d -n _e	glass	n _d	v _d	n _e	v _e	CTE ppm/K	density g/cm ³	dia 25 x 1mm USD/pc	dia 25 x 2mm USD/pc
547628	H-BaK3	1.5468	62.8	1.5489	62.4	6.2	2.84	11.00	11.50
569560	N-BAK4	1.5688	56.0	1.5713	55.7	7.0	2.84	33.00	37.00
569563	S-BAL14	1.5688	56.4	1.5712	56.1	8.0	2.89	31.00	33.00
570495	H-BaF2	1.5697	49.5	1.5724	49.1	8.2	2.82	11.00	11.50
589612	S-BAL35	1.5891	61.1	1.5914	60.9	5.7	3.31	31.00	33.00
589613	N-SK5	1.5891	61.3	1.5914	61.0	5.5	3.30	33.00	37.00
593673	H-ZPK3	1.5935	67.3	1.5956	67.1	9.6	3.36	11.00	11.50
607567	N-SK2	1.6074	56.7	1.6099	56.4	6.0	3.55	33.00	37.00
607568	S-BSM2	1.6074	56.8	1.6099	56.5	6.5	3.53	33.00	37.00
611558	H-ZK5	1.6111	55.8	1.6114	55.5	8.6	3.58	11.00	11.00
613370	H-F2	1.6130	37.0	1.6139	36.7	7.8	2.65	11.00	11.00
613586	N-SK4	1.6127	58.6	1.6152	58.4	6.5	3.54	42.00	44.00
613587	S-BSM4	1.6127	58.7	1.6152	58.5	6.7	3.57	33.00	37.00
648338	S-TIM22	1.6477	33.8	1.6522	33.5	8.3	2.79	31.00	33.00
648338	N-SF2	1.6477	33.8	1.6522	33.6	6.7	2.72	37.00	39.00
648338	H-ZF1	1.6477	33.8	1.6522	33.6	9.1	2.73	11.00	11.50
729545	N-LAK34	1.7292	54.5	1.7324	54.3	5.8	4.02	47.00	50.00
729547	S-LAL18	1.7292	54.7	1.7323	54.5	5.9	4.18	37.00	39.00
729547	H-LaK52	1.7292	54.7	1.7323	54.5	5.6	4.02	11.00	11.50
755274	N-SF4	1.7551	27.4	1.7616	27.2	9.5	3.15	39.00	42.00
755275	S-TIH4	1.7552	27.5	1.7617	27.3	8.5	3.15	33.00	37.00
755275	H-ZF6	1.7552	27.5	1.7617	27.3	8.7	3.26	11.00	11.50
762401	H-LaF55	1.7620	40.1	1.7665	39.8	8.2	4.30	11.00	11.50
768725	Sapphire	o1.7681 e1.7601	o72.5 e73.1	o1.7707 e1.7626	o72.0 e72.6	llc 6.7 lc 5.0	3.98	18.00	20.00
773496	S-LAH66	1.7725	49.6	1.7762	49.4	6.2	4.23	33.00	37.00
773496	N-LAF34	1.7725	49.6	1.7762	49.4	5.8	4.24	39.00	42.00

Witness Samples For Optical Coating

code n_d-n_d	glass	n_d	v_d	n_e	v_e	CTE ppm/K	density g/cm ³	dia 25 x 1mm USD/pc	dia 25 x 2mm USD/pc
805254	S-TIH6	1.8052	25.4	1.8126	25.2	8.9	3.37	33.00	37.00
808227	H-ZF71LA	1.8081	22.7	1.8165	22.5	9.3	3.30	11.00	11.50
847238	S-TIH53	1.8467	23.8	1.8550	23.6	8.8	3.54	33.00	37.00
847238	N-SF57	1.8467	23.8	1.8550	23.6	8.5	3.53	39.00	42.00
904313	S-LAH95	1.9037	31.3	1.9105	31.1	7.3	6.64	33.00	37.00
904313	N-LASF46A	1.9037	31.3	1.9105	31.1	6.0	4.45	59.00	63.00
904314	H-ZLaF75A	1.9037	31.4	1.9105	31.2	7.0	4.56	11.00	11.50
923189	S-NPH2	1.9229	18.9	1.9343	18.7	6.7	3.58	52.00	55.00
923209	H-ZF62	1.9229	20.9	1.9332	20.7	6.4	4.01	11.00	11.50
923209	N-SF66	1.9229	20.9	1.9332	20.7	5.9	4.00	47.00	50.00
2252114 @4μm	ZnS	2.252 @4μm	114 @4μm	2.200 @10μm	23 @10μm	6.5	4.1	59.00	72.00
2433177 @4μm	ZnSe	2.4331 @4μm	177 @4μm	2.4065 @10μm	58 @10μm	62.0	5.3	52.00	69.00
3419220 @4μm	Si	3.419 @4μm	220 @4μm	-	-	156	2.3	20.00	24.00
4025103 @4μm	Ge	4.0249 @4μm	103 @4μm	4.0039 @10μm	1202 @10μm	400	5.3	by request	by request