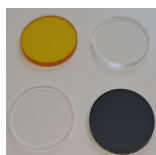


Witness Samples For Optical Coating



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 (EUR/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 EUR/pc	dia 25 x 2mm EUR/pc
378105	MgF₂	o1.3777 e1.3895	o104.9 e105.3	o1.3786 e1.3904	o105.2 e105.5	llc 8.8 lc 13.1	3.18	29.00	47.00
434943	CaF₂	1.4339	94.3	1.4349	94.5	18.4	3.18	21.00	23.00
438945	H-FK95N	1.4378	94.5	1.4389	94.1	14.4	3.52	8.00	8.20
439948	S-FPL55	1.4388	94.7	1.4399	94.2	13.6	3.59	41.00	43.00
439950	S-FPL53	1.4388	94.9	1.4399	94.5	14.5	3.62	47.00	49.00
456909	N-FK58	1.4560	90.9	1.4572	90.5	13.7	3.65	73.00	75.00
457903	H-FK71	1.4565	90.3	1.4577	89.8	13.6	3.63	8.00	8.20
458678	UVFS	1.4585	67.8	1.4601	67.7	5.5	2.23	8.00	8.20
458678	UVIFS	1.4585	67.8	1.4601	67.7	5.5	2.23	18.00	23.00
487702	S-FSL5	1.4875	70.2	1.4892	70.0	9.0	2.46	23.00	25.00
487704	N-FK5	1.4875	70.4	1.4891	70.2	9.2	2.45	27.00	29.00
487845	N-FK51A	1.4866	84.5	1.4879	84.1	12.7	3.68	55.00	59.00
497816	S-FPL51	1.4970	81.5	1.4985	81.1	13.1	3.62	29.00	31.00
497816	N-PK52A	1.4970	81.6	1.4985	81.2	13.0	3.70	49.00	53.00
497816	H-FK61	1.4970	81.6	1.4985	81.2	13.1	3.70	8.00	8.20
516641	S-BSL7	1.5163	64.1	1.5183	63.9	7.2	2.52	11.50	12.00
517642	N-BK7	1.5168	64.2	1.5187	64.0	7.1	2.51	11.50	12.00
517642	H-K9L	1.5168	64.2	1.5187	64.0	7.1	2.51	6.00	6.40
523588	B270	1.5230	58.8	1.5251	58.3	9.4	2.56	5.80	6.00
540595	S-BAL12	1.5400	59.5	1.5421	59.2	8.6	2.75	25.00	27.00
540597	N-BAK2	1.5400	59.7	1.5421	59.4	8.0	2.86	25.00	27.00

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 EUR/pc	dia 25 x 2mm EUR/pc
547628	H-BaK3	1.5468	62.8	1.5489	62.4	6.2	2.84	8.00	8.20
569560	N-BAK4	1.5688	56.0	1.5713	55.7	7.0	2.84	25.00	27.00
569563	S-BAL14	1.5688	56.4	1.5712	56.1	8.0	2.89	23.00	25.00
570495	H-BaF2	1.5697	49.5	1.5724	49.1	8.2	2.82	8.00	8.20
589612	S-BAL35	1.5891	61.1	1.5914	60.9	5.7	3.31	23.00	25.00
589613	N-SK5	1.5891	61.3	1.5914	61.0	5.5	3.30	25.00	27.00
593673	H-ZPK3	1.5935	67.3	1.5956	67.1	9.6	3.36	8.00	8.20
607567	N-SK2	1.6074	56.7	1.6099	56.4	6.0	3.55	25.00	27.00
607568	S-BSM2	1.6074	56.8	1.6099	56.5	6.5	3.53	25.00	27.00
611558	H-ZK5	1.6111	55.8	1.6114	55.5	8.6	3.58	8.00	8.20
613370	H-F2	1.6130	37.0	1.6139	36.7	7.8	2.65	8.00	8.20
613586	N-SK4	1.6127	58.6	1.6152	58.4	6.5	3.54	31.00	33.00
613587	S-BSM4	1.6127	58.7	1.6152	58.5	6.7	3.57	25.00	27.00
648338	S-TIM22	1.6477	33.8	1.6522	33.5	8.3	2.79	23.00	25.00
648338	N-SF2	1.6477	33.8	1.6522	33.6	6.7	2.72	27.00	29.00
648338	H-ZF1	1.6477	33.8	1.6522	33.6	9.1	2.73	8.00	8.20
729545	N-LAK34	1.7292	54.5	1.7324	54.3	5.8	4.02	35.00	37.00
729547	S-LAL18	1.7292	54.7	1.7323	54.5	5.9	4.18	27.00	29.00
729547	H-LaK52	1.7292	54.7	1.7323	54.5	5.6	4.02	8.00	8.20
755274	N-SF4	1.7551	27.4	1.7616	27.2	9.5	3.15	29.00	31.00
755275	S-TIH4	1.7552	27.5	1.7617	27.3	8.5	3.15	25.00	27.00
755275	H-ZF6	1.7552	27.5	1.7617	27.3	8.7	3.26	8.00	8.20
762401	H-LaF55	1.7620	40.1	1.7665	39.8	8.2	4.30	8.00	8.20
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	13.00	15.00
773496	S-LAH66	1.7725	49.6	1.7762	49.4	6.2	4.23	25.00	27.00
773496	N-LAF34	1.7725	49.6	1.7762	49.4	5.8	4.24	29.00	31.00

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 EUR/pc	dia 25 x 2mm EUR/pc
805254	S-TIH6	1.8052	25.4	1.8126	25.2	8.9	3.37	25.00	27.00
808227	H-ZF71LA	1.8081	22.7	1.8165	22.5	9.3	3.30	8.00	8.20
847238	S-TIH53	1.8467	23.8	1.8550	23.6	8.8	3.54	25.00	27.00
847238	N-SF57	1.8467	23.8	1.8550	23.6	8.5	3.53	29.00	31.00
904313	S-LAH95	1.9037	31.3	1.9105	31.1	7.3	6.64	25.00	27.00
904313	N-LASF46A	1.9037	31.3	1.9105	31.1	6.0	4.45	45.00	47.00
904314	H-ZLaF75A	1.9037	31.4	1.9105	31.2	7.0	4.56	8.00	8.20
923189	S-NPH2	1.9229	18.9	1.9343	18.7	6.7	3.58	39.00	41.00
923209	H-ZF62	1.9229	20.9	1.9332	20.7	6.4	4.01	8.00	8.20
923209	N-SF66	1.9229	20.9	1.9332	20.7	5.9	4.00	35.00	37.00
2252114 @4µm	ZnS	2.252 @4µm	114 @4µm	2.200 @10µm	23 @10µm	6.5	4.1	44.00	54.00
2433177 @4µm	ZnSe	2.4331 @4µm	177 @4µm	2.4065 @10µm	58 @10µm	62.0	5.3	39.00	51.00
3419220 @4µm	Si	3.419 @4µm	220 @4µm	-	-	156	2.3	15.00	17.00
4025103 @4µm	Ge	4.0249 @4µm	103 @4µm	4.0039 @10µm	1202 @10µm	400	5.3	33.00	43.00