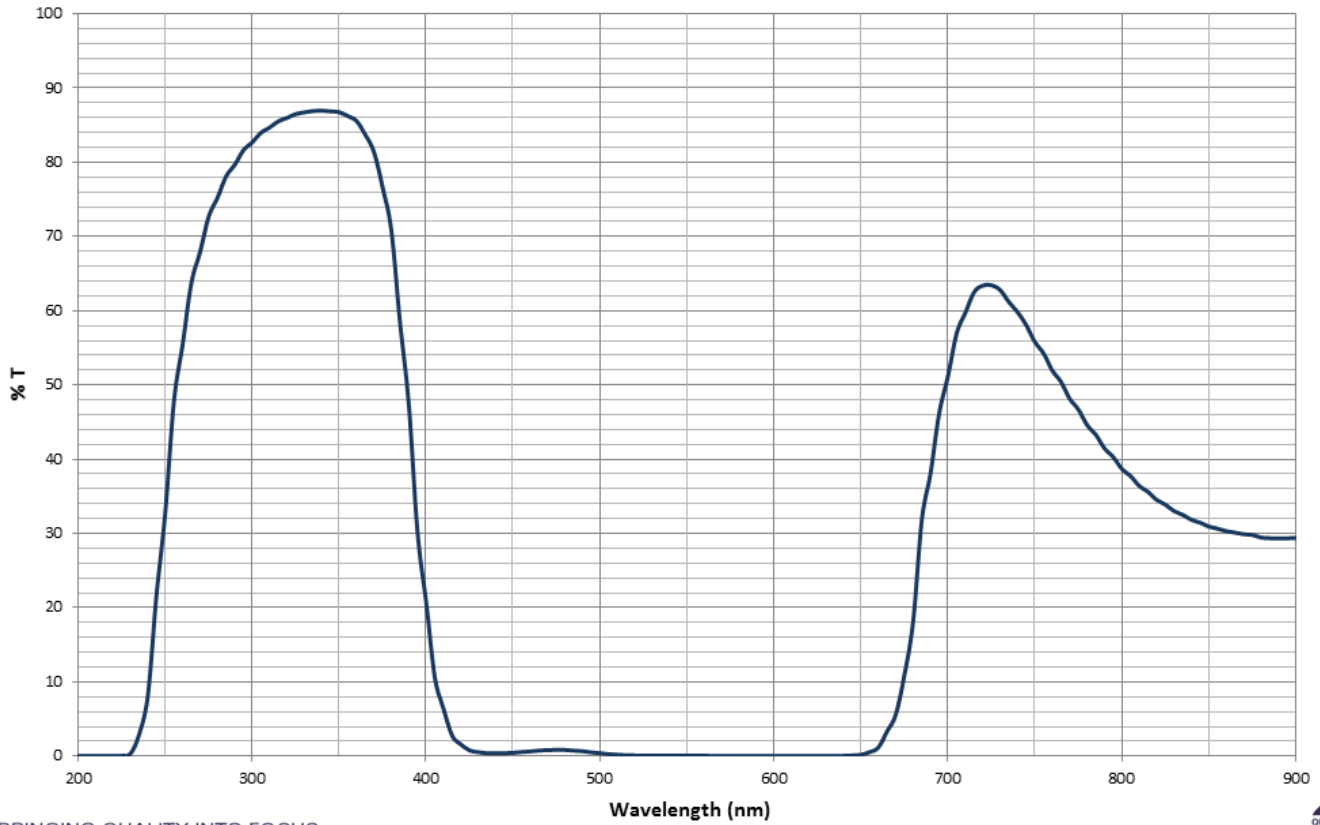


UV Filter Glass

UV transmitting, visible absorbing filter

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Physical Properties

Finished Thickness:	1-3mm
Refractive Index (nd):	1.5412
Thermal Linear Expansion:	85 x10E-7 /°C
Transition Temperature:	390°C
Anneal Point	405°C
Deformation Point	430°C

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UVCP Cleanse - Dark

UV transmitting, visible absorbing filter



Typical Spectral Data (2mm)

Note: Changes in thickness will affect transmission values as shown in graph.

Wave-length (nm)	Trans-mission (%)	Wave-length (nm)	Trans-mission (%)	Wave-length (nm)	Trans-mission (%)	Wave-length (nm)	Trans-mission (%)	Wave-length (nm)	Trans-mission (%)
200	0.000	350	86.829	500	0.381	650	0.160	800	38.714
205	0.000	355	86.300	505	0.240	655	0.529	805	37.739
210	0.000	360	85.633	510	0.169	660	1.151	810	36.417
215	0.000	365	83.792	515	0.100	665	3.315	815	35.622
220	0.000	370	81.458	520	0.069	670	5.603	820	34.546
225	0.035	375	76.674	525	0.045	675	10.957	825	33.898
230	0.302	380	70.868	530	0.039	680	18.196	830	33.029
235	2.910	385	58.378	535	0.041	685	31.901	835	32.517
240	8.079	390	47.493	540	0.048	690	38.149	840	31.853
245	21.751	395	30.299	545	0.058	695	46.297	845	31.457
250	32.786	400	20.729	550	0.059	700	51.220	850	30.945
255	47.788	405	10.592	555	0.048	705	56.988	855	30.653
260	55.463	410	6.350	560	0.035	710	59.778	860	30.315
265	63.776	415	2.725	565	0.016	715	62.547	865	30.126
270	67.933	420	1.556	570	0.009	720	63.444	870	29.909
275	72.739	425	0.747	575	0.004	725	63.494	875	29.812
280	75.268	430	0.519	580	0.003	730	62.845	880	29.466
285	78.182	435	0.374	585	0.003	735	61.227	885	29.371
290	79.742	440	0.345	590	0.003	740	59.874	890	29.348
295	81.715	445	0.371	595	0.004	745	58.105	895	29.363
300	82.747	450	0.424	600	0.005	750	55.819	900	29.399
305	84.041	455	0.537	605	0.006	755	54.284		
310	84.757	460	0.620	610	0.006	760	51.978		
315	85.600	465	0.736	615	0.006	765	50.459		
320	86.054	470	0.790	620	0.006	770	48.175		
325	86.572	475	0.819	625	0.007	775	46.716		
330	86.807	480	0.801	630	0.008	780	44.623		
335	86.987	485	0.729	635	0.014	785	43.328		
340	87.035	490	0.647	640	0.025	790	41.478		
345	86.947	495	0.489	645	0.073	795	40.321		

Our state of the art Metrology and Quality Assurance department ensure that each component is individually inspected and tested to ensure it meets your exact specification.

For more information or to place an order contact our multilingual technical sales team and discover how Knight Optical's high quality optics and service can improve your instrumentation and supply chain experience.

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