

TRANSMISSION OF CORNING COLORED FILTERS

Supplied by R. G. Saxton

If I_0 is the intensity of radiation entering a layer of some medium and I the intensity reaching the opposite surface, the ratio I/I_0 is called the transmittance. In practice the ratio of intensity of radiation passing through a glass sample to that incident on its surface is often measured and plotted as transmission. The transmission is the result of two factors, the transmittance of the glass and the losses by reflection. These losses amount to about 4% for each glass-air surface; the transmission of a sample is about 92% of its transmittance. Since the reflection losses differ slightly with different samples, the correction is often determined and applied when the transmission is measured. Values in this table have been corrected for reflection losses.

The identifying glass number, CS number, color and properties, and nominal thickness for the Corning glasses in this table are:

Glass No.	CS	Color and properties	Nominal thickness
0160	0-54	Clear; Ultraviolet transmitting	2.0
2030	2-64	Red; Sharp cut	3.0
2403	2-58	Red; Sharp cut	3.0
2404	2-59	Red; Sharp cut	3.0
2408	2-60	Red; Sharp cut	3.0
2412	2-61	Red; Sharp cut	3.0
2418	2-62	Red; Sharp cut	3.0
2424	2-63	Red; Sharp cut	3.0
2434	2-73	Red; Sharp cut	3.0
2540	7-56	Black; IR transmitting; Visible absorbing	2.5
2550	7-57	Black; IR transmitting; Visible absorbing	2.0
2600	7-69	Black; IR transmitting; Visible absorbing	3.0
3060	3-75	Straw	2.0
3304	3-76	Dark amber	3.0
3307	3-77	Dark amber	3.0
3384	3-70	Yellow	3.0
3385	3-71	Yellow	3.0
3387	3-72	Straw	3.0
3389	3-73	Straw	3.0
3391	3-74	Straw	3.0
3480	3-66	Yellow; Sharp cut	3.0
3482	3-67	Yellow; Sharp cut	3.0
3484	3-68	Yellow; Sharp cut	3.0
3486	3-69	Yellow; Sharp cut	3.0
3718	3-94	Yellow	3.0
3750	3-79	Yellow; Yellow green fluorescing	5.0
3780	3-80	Yellow	2.0
3850	0-51	Clear; UV transmitting	4.0
3961	1-56	Bluish; IR absorbing; Visible transmitting	2.5
3962	1-57	Bluish; IR absorbing; Visible transmitting	2.5
3965	1-58	Bluish; IR absorbing; Visible transmitting	2.5
3966	1-59	Bluish; IR absorbing; Visible transmitting	2.5
4010	4-64	Green	4.0
4015	4-65	Yellow green	3.0
4060	4-67	Green	2.0
4084	4-68	Green	4.5
4303	4-72	Blue green	4.0
4305	4-71	Blue green	4.0
4308	4-70	Blue green	4.0
4309	4-69	Blue green	4.0
4445	4-74	Green	2.5
4602	1-75	Bluish; IR absorbing; Visible transmitting	3.0
4784	4-94	Blue green	5.0
5030	5-57	Blue	5.0
5031	5-56	Blue	4.5
5070	7-62	Amethyst	3.9
5071	7-63	Amethyst	3.9
5073	7-64	Amethyst	3.9
5113	5-58	Blue	4.0
5120	1-60	Smoky violet; Absorbs yellow	5.2
5300	4-106	Green	3.9
5330	1-64	Blue	4.5
5433	5-59	Blue	5.0
5543	5-60	Blue	5.0
5562	5-61	Blue	5.0
5572	1-61	Blue	5.0
5840	7-60	Black; UV transmitting; Visible absorbing	4.5
5850	7-59	Purple; UV transmitting; Visible absorbing	4.0
5860	7-37	Black; UV transmitting; Visible absorbing	5.0
5874	7-39	Black; UV transmitting; Visible absorbing	5.0
5900	1-62	Blue	5.5
5970	7-51	Black; UV transmitting; Visible absorbing	5.0
7380	0-52	Clear; UV transmitting	2.0
7740	0-53	Clear; UV transmitting	2.0
7905	9-30	Clear; UV transmitting; Long Range IR transmitting	2.0
7910	9-54	Clear; UV transmitting	2.0
8364	7-98	Gray	2.0
9780	4-76	Blue green	5.0
9782	4-96	Blue green	5.0
9788	4-97	Blue green	5.0
9830	4-77	Green	3.4
9863	7-54	Black; UV transmitting; Visible absorbing	3.0

TRANSMISSION OF CORNING COLORED FILTERS (Continued)

Transmittance												
λ(nm)	Corning Glass Number											
	0160	2030	2403	2404	2408	2412	2418	2424	2434	2540	2550	2600
.22	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.24	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.26	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.28	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.30	.005	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.32	.642	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.34	.850	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.36	.882	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.38	.890	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.40	.892	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.41	.893	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.42	.896	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.43	.896	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.44	.898	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.45	.899	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.46	.900	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.47	.900	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.48	.900	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.49	.900	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.50	.900	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.51	.900	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.52	.900	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.53	.900	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.54	.900	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.55	.900	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.56	.901	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.57	.904	.000	.000	.000	.000	.000	.000	.000	.005	.000	.000	.000
.58	.904	.000	.000	.000	.000	.000	.000	.005	.200	.000	.000	.000
.59	.908	.000	.000	.000	.000	.000	.008	.170	.615	.000	.000	.000
.60	.910	.000	.000	.000	.000	.006	.250	.575	.808	.000	.000	.000
.61	.910	.000	.000	.000	.018	.190	.660	.790	.856	.000	.000	.000
.62	.910	.000	.000	.015	.265	.625	.822	.848	.872	.000	.000	.000
.63	.910	.000	.018	.295	.670	.828	.862	.870	.881	.000	.000	.000
.64	.910	.006	.260	.660	.828	.868	.874	.880	.887	.000	.001	.000
.65	.910	.028	.675	.796	.866	.881	.881	.887	.892	.000	.003	.000
.66	.910	.110	.838	.828	.877	.885	.885	.893	.895	.000	.005	.000
.67	.910	.305	.871	.842	.883	.887	.887	.897	.897	.000	.006	.000
.68	.910	.550	.880	.847	.886	.889	.889	.900	.899	.000	.009	.000
.69	.910	.735	.885	.851	.888	.900	.900	.901	.900	.000	.012	.000
.70	.910	.820	.886	.852	.888	.900	.900	.903	.900	.000	.017	.000
.71	.910	.853	.888	.854	.888	.889	.889	.903	.900	.000	.023	.000
.72	.910	.864	.889	.853	.888	.888	.888	.903	.899	.000	.031	.040
.73	.910	.867	.900	.851	.887	.887	.887	.903	.897	.000	.041	.175
.74	.910	.867	.900	.850	.885	.886	.886	.903	.896	.000	.055	.372
.75	.910	.866	.900	.849	.884	.885	.885	.902	.895	.000	.069	.547
.80	.910	.839	.875	.827	.870	.858	.857	.881	.866	.005	.225	.770
1.00	.912	.801	.840	.772	.840	.828	.822	.857	.842	.562	.780	.350
1.20	.908	.799	.845	.786	.845	.837	.827	.859	.849	.790	.870	.000
1.40	.909	.811	.854	.809	.854	.848	.840	.862	.857	.850	.895	.000
1.60	.913	.839	.873	.837	.873	.869	.858	.880	.879	.872	.904	.000
1.80	.909	.844	.870	.829	.870	.864	.854	.877	.872	.880	.900	.000
2.00	.904	.841	.868	.827	.868	.861	.851	.874	.871	.880	.897	.000
2.20	.888	.833	.820	.773	.825	.820	.810	.837	.835	.860	.875	.005
2.40	.875	.832	.803	.757	.809	.803	.792	.818	.812	.868	.870	.049
2.60	.868	.822	.750	.695	.754	.750	.723	.772	.767	.858	.850	.058
2.80	.690	.600	.100	.100	.100	.100	.050	.050	.260	.450	.480	.030
3.00	.630	.470	.070	.020	.070	.070	.072	.122	.400	.465	.383	.022
3.20	.500	.340	.140	.074	.150	.140	.142	.180	.470	.390	.330	.020
3.40	.379	.260	.140	.078	.140	.140	.120	.150	.350	.310	.245	.018
3.60	.320	.247	.000	.000	.000	.000	.000	.006	.015	.280	.220	.021
3.80	.310	.257	.000	.000	.000	.000	.000	.000	.020	.285	.250	.035
4.00	.311	.274	.000	.000	.000	.000	.000	.000	.015	.285	.275	.068
4.20	.251	.200	.000	.000	.000	.000	.000	.000	.017	.190	.190	.065
4.40	.110	.060	.000	.000	.000	.000	.000	.000	.002	.050	.100	.020
4.60	.012	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
4.80	.004	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
5.00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

TRANSMISSION OF CORNING COLORED FILTERS (Continued)

λ (nm)	Transmittance											
	Corning Glass Number											
	3060	3304	3307	3384	3385	3387	3389	3391	3480	3482	3484	3486
.22	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.24	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.26	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.28	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.30	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.32	.000	.000	.000	.000	.000	.000	.010	.000	.000	.000	.000	.000
.34	.000	.000	.038	.000	.000	.000	.015	.000	.000	.000	.000	.000
.36	.000	.000	.050	.000	.005	.000	.020	.000	.000	.000	.000	.000
.38	.060	.000	.027	.005	.010	.010	.020	.000	.000	.000	.000	.000
.40	.410	.000	.016	.011	.016	.020	.026	.075	.000	.000	.000	.005
.41	.517	.000	.014	.011	.016	.020	.025	.425	.000	.000	.000	.005
.42	.604	.000	.014	.010	.015	.019	.105	.655	.000	.000	.000	.005
.43	.665	.000	.016	.009	.013	.017	.437	.747	.000	.000	.000	.005
.44	.710	.000	.022	.005	.011	.050	.620	.801	.000	.000	.000	.005
.45	.748	.000	.033	.003	.010	.325	.714	.838	.000	.000	.000	.004
.46	.778	.000	.049	.002	.008	.565	.780	.860	.000	.000	.000	.003
.47	.800	.000	.070	.001	.060	.690	.820	.874	.000	.000	.000	.003
.48	.819	.000	.101	.005	.410	.763	.848	.884	.000	.000	.000	.003
.49	.836	.003	.143	.088	.640	.803	.866	.890	.000	.000	.000	.002
.50	.850	.009	.193	.350	.727	.834	.878	.895	.000	.000	.000	.001
.51	.860	.019	.250	.595	.780	.854	.886	.898	.000	.000	.000	.045
.52	.870	.037	.315	.725	.817	.868	.890	.900	.000	.000	.003	.425
.53	.875	.063	.379	.789	.840	.876	.892	.901	.000	.000	.175	.710
.54	.881	.102	.447	.825	.856	.883	.894	.902	.000	.015	.600	.792
.55	.884	.146	.504	.846	.866	.887	.895	.903	.000	.230	.774	.823
.56	.886	.200	.560	.860	.873	.889	.894	.902	.020	.675	.818	.844
.57	.885	.255	.607	.869	.876	.890	.893	.901	.325	.850	.839	.859
.58	.883	.310	.648	.873	.878	.889	.892	.900	.710	.885	.854	.868
.59	.882	.360	.680	.876	.877	.887	.890	.898	.829	.894	.865	.876
.60	.882	.404	.705	.877	.877	.884	.886	.896	.858	.900	.873	.882
.61	.882	.438	.722	.877	.877	.881	.884	.893	.869	.903	.880	.886
.62	.882	.466	.735	.875	.876	.875	.880	.890	.876	.905	.885	.888
.63	.882	.488	.744	.871	.874	.871	.876	.886	.881	.906	.888	.889
.64	.883	.505	.748	.865	.872	.866	.872	.884	.884	.907	.890	.890
.65	.885	.519	.750	.860	.867	.860	.868	.881	.885	.908	.892	.890
.66	.886	.531	.750	.856	.863	.856	.865	.876	.886	.908	.893	.890
.67	.888	.543	.749	.850	.858	.851	.860	.873	.886	.908	.894	.890
.68	.890	.552	.745	.844	.853	.846	.856	.869	.886	.908	.893	.889
.69	.891	.561	.740	.837	.847	.839	.852	.865	.885	.907	.892	.887
.70	.892	.569	.734	.831	.842	.834	.847	.860	.884	.907	.891	.885
.71	.893	.574	.727	.825	.837	.827	.842	.856	.882	.906	.890	.883
.72	.893	.575	.720	.819	.831	.822	.837	.852	.880	.905	.888	.880
.73	.892	.576	.712	.813	.825	.816	.831	.848	.877	.905	.886	.877
.74	.891	.574	.702	.807	.820	.810	.826	.844	.874	.904	.885	.875
.75	.890	.570	.694	.800	.814	.805	.820	.840	.870	.903	.882	.873
.80	.871	.526	.642	.770	.865	.780	.775	.815	.837	.878	.846	.829
1.00	.830	.435	.516	.715	.830	.725	.716	.772	.801	.857	.811	.781
1.20	.860	.429	.500	.718	.858	.735	.730	.782	.807	.859	.819	.793
1.40	.901	.475	.540	.750	.900	.768	.768	.810	.828	.870	.837	.817
1.60	.917	.580	.635	.795	.918	.812	.812	.843	.852	.884	.856	.841
1.80	.916	.627	.675	.808	.915	.818	.820	.849	.847	.882	.852	.834
2.00	.908	.620	.668	.800	.909	.822	.817	.846	.847	.884	.852	.835
2.20	.900	.630	.675	.802	.900	.823	.810	.840	.805	.865	.829	.798
2.40	.885	.651	.690	.800	.885	.825	.811	.842	.787	.853	.817	.777
2.60	.860	.650	.690	.785	.858	.815	.800	.840	.725	.818	.757	.718
2.80	.550	.345	.390	.325	.670	.360	.340	.440	.050	.060	.110	.060
3.00	.379	.320	.360	.318	.348	.348	.322	.423	.080	.088	.190	.088
3.20	.315	.240	.290	.268	.332	.324	.290	.395	.150	.158	.270	.145
3.40	.250	.151	.190	.218	.289	.288	.255	.353	.120	.132	.140	.090
3.60	.231	.130	.150	.217	.266	.280	.249	.351	.000	.000	.000	.000
3.80	.258	.140	.160	.228	.270	.298	.267	.376	.000	.000	.000	.000
4.00	.283	.140	.175	.220	.280	.290	.260	.365	.000	.000	.000	.000
4.20	.200	.090	.125	.143	.210	.210	.178	.288	.000	.000	.000	.000
4.40	.100	.020	.030	.025	.080	.070	.040	.115	.000	.000	.000	.000
4.60	.008	.008	.010	.007	.002	.003	.000	.009	.000	.000	.000	.000
4.80	.000	.005	.009	.000	.000	.000	.000	.000	.000	.000	.000	.000
5.00	.000	.001	.008	.000	.000	.000	.000	.000	.000	.000	.000	.000

TRANSMISSION OF CORNING COLORED FILTERS (Continued)

Transmittance																	
3482	3484	3486	λ (nm)	3718	3750	3780	3850	3961	Corning Glass Number		3962	3965	3966	4010	4015	4060	4084
.000	.000	.000	.22	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.24	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.26	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.28	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.30	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.32	.004	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.34	.030	.000	.000	.000	.000	.000	.018	.055	.000	.000	.000	.000	.000	.000
.000	.000	.000	.36	.550	.215	.000	.005	.020	.125	.430	.630	.000	.000	.000	.001	.018	.018
.000	.000	.000	.38	.665	.327	.000	.350	.085	.270	.558	.710	.000	.000	.000	.021	.128	.128
.000	.000	.005	.40	.480	.113	.000	.675	.185	.395	.636	.781	.000	.000	.000	.080	.248	.248
.000	.000	.005	.41	.443	.088	.000	.749	.218	.426	.651	.788	.000	.000	.000	.178	.216	.216
.000	.000	.005	.42	.465	.088	.000	.788	.248	.453	.666	.795	.000	.000	.000	.228	.180	.180
.000	.000	.005	.43	.560	.135	.000	.812	.269	.474	.678	.800	.000	.000	.000	.281	.151	.151
.000	.000	.005	.44	.675	.255	.006	.828	.290	.494	.693	.806	.000	.000	.000	.335	.136	.136
.000	.000	.005	.45	.748	.410	.028	.841	.313	.519	.709	.816	.000	.000	.000	.388	.140	.140
.000	.000	.004	.46	.780	.472	.058	.850	.331	.538	.724	.824	.006	.025	.434	.163	.200	.200
.000	.000	.003	.47	.803	.570	.092	.858	.346	.556	.737	.831	.021	.073	.506	.247	.303	.303
.000	.000	.002	.48	.800	.555	.088	.865	.361	.570	.748	.836	.050	.145	.527	.370	.430	.430
.000	.000	.001	.49	.802	.550	.095	.870	.370	.582	.756	.840	.100	.245	.535	.465	.467	.467
.000	.000	.045	.51	.862	.720	.325	.874	.376	.590	.762	.842	.160	.350	.528	.430	.376	.376
.000	.003	.425	.52	.894	.825	.595	.881	.373	.593	.765	.843	.220	.455	.503	.465	.467	.467
.000	.175	.710	.53	.904	.853	.717	.883	.364	.588	.761	.838	.247	.582	.400	.438	.376	.376
.015	.600	.792	.54	.905	.860	.763	.884	.354	.579	.764	.833	.207	.594	.325	.303	.303	.303
.230	.774	.823	.55	.906	.864	.783	.884	.342	.569	.746	.827	.153	.572	.252	.225	.225	.225
.675	.818	.844	.56	.907	.867	.795	.883	.331	.559	.736	.821	.096	.525	.183	.157	.157	.157
.850	.839	.859	.57	.907	.869	.799	.882	.317	.547	.724	.813	.054	.457	.125	.107	.107	.107
.885	.854	.868	.58	.907	.870	.804	.880	.298	.529	.706	.802	.026	.385	.083	.073	.073	.073
.894	.865	.876	.59	.907	.870	.811	.877	.276	.508	.685	.790	.011	.311	.053	.048	.048	.048
.900	.873	.882	.60	.908	.876	.826	.876	.251	.481	.662	.775	.004	.245	.033	.034	.034	.034
.903	.880	.886	.61	.908	.880	.835	.875	.225	.452	.636	.757	.000	.190	.020	.024	.024	.024
.905	.885	.888	.62	.909	.881	.842	.874	.209	.423	.610	.739	.000	.145	.012	.018	.018	.018
.906	.888	.889	.63	.909	.884	.848	.875	.217	.392	.577	.719	.000	.115	.007	.015	.015	.015
.907	.890	.890	.64	.910	.885	.854	.876	.147	.359	.546	.698	.000	.098	.004	.012	.012	.012
.908	.892	.890	.65	.910	.887	.859	.877	.125	.326	.515	.675	.000	.084	.001	.010	.010	.010
.908	.893	.890	.66	.911	.891	.864	.880	.104	.297	.482	.652	.000	.075	.000	.009	.009	.009
.908	.894	.890	.67	.913	.896	.869	.883	.086	.265	.450	.630	.000	.075	.000	.008	.008	.008
.908	.893	.889	.68	.914	.900	.873	.885	.063	.235	.418	.603	.000	.071	.000	.007	.007	.007
.907	.892	.887	.69	.915	.901	.877	.887	.055	.206	.385	.576	.000	.065	.000	.007	.007	.007
.907	.891	.885	.70	.915	.904	.880	.888	.042	.279	.352	.550	.000	.067	.000	.007	.007	.007
.906	.890	.883	.71	.915	.905	.883	.888	.032	.155	.322	.524	.000	.070	.000	.007	.007	.007
.905	.888	.880	.72	.915	.906	.885	.889	.025	.133	.294	.496	.000	.075	.000	.007	.007	.007
.905	.886	.877	.73	.915	.907	.885	.888	.018	.114	.266	.472	.000	.080	.000	.007	.007	.007
.904	.885	.875	.74	.915	.907	.882	.887	.014	.097	.242	.448	.000	.084	.000	.008	.008	.008
.903	.882	.873	.75	.914	.906	.882	.886	.010	.084	.220	.424	.000	.086	.000	.008	.008	.008
.878	.846	.829	.80	.902	.875	.855	.863	.000	.033	.120	.310	.000	.109	.000	.013	.013	.013
.857	.811	.781	1.00	.899	.860	.882	.820	.000	.002	.038	.158	.000	.215	.018	.100	.100	.100
.859	.819	.793	1.20	.898	.882	.898	.850	.000	.002	.040	.161	.007	.393	.158	.303	.303	.303
.870	.837	.817	1.40	.880	.810	.855	.894	.002	.018	.100	.270	.058	.549	.404	.548	.548	.548
.884	.856	.841	1.60	.882	.805	.855	.905	.007	.050	.190	.390	.162	.663	.612	.710	.710	.710
.882	.852	.834	1.80	.900	.844	.907	.904	.008	.057	.201	.408	.299	.740	.740	.791	.791	.791
.884	.852	.835	2.00	.897	.819	.909	.895	.011	.070	.228	.435	.422	.783	.817	.830	.830	.830
.865	.829	.798	2.20	.888	.720	.900	.870	.021	.105	.277	.475	.518	.803	.840	.792	.792	.792
.853	.817	.777	2.40	.865	.668	.890	.850	.037	.140	.320	.512	.597	.817	.862	.808	.808	.808
.818	.757	.718	2.60	.840	.570	.860	.800	.050	.180	.339	.515	.634	.813	.870	.740	.740	.740
.060	.110	.060	2.80	.460	.075	.620	.200	.022	.092	.135	.085	.270	.460	.520	.010	.010	.010
.088	.190	.088	3.00	.282	.028	.465	.165	.033	.133	.200	.230	.260	.418	.620	.033	.033	.033
.158	.270	.145	3.20	.252	.016	.420	.120	.054	.150	.247	.294	.204	.345	.642	.128	.128	.128
.132	.140	.090	3.40	.175	.007	.370	.070	.048	.112	.165	.200	.131	.235	.631	.130	.130	.130
.000	.000	.000	3.60	.150	.003	.351	.045	.003	.008	.016	.018	.121	.192	.634	.006	.006	.006
.000	.000	.000	3.80	.168	.000	.368	.067	.007	.015	.035	.048	.125	.200	.600	.016	.016	.016
.000	.000	.000	4.00	.182	.000	.370	.080	.006	.010	.020	.022	.123	.200	.557	.006	.006	.006
.000	.000	.000	4.20	.120	.000	.300	.040	.005	.013	.022	.021	.070	.130	.422	.001	.001	.001
.000	.000	.000	4.40	.020	.000	.140	.005	.001	.001	.000	.001	.002	.015	.135	.000	.000	.000
.000	.000	.000	4.60	.002	.000	.010	.000	.000	.000	.000	.000	.000	.000	.012	.000	.000	.000
.000	.000	.000	4.80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.002	.000	.000	.000
.000	.000	.000	5.00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

TRANSMISSION OF CORNING COLORED FILTERS (Continued)

Transmittance												
λ (nm)	4303	4305	4308	4309	4445	Corning Glass Number		5030	5031	5070	5071	5073
						4602	4784					
.22	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.24	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.26	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.28	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.30	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.32	.000	.000	.000	.000	.000	.001	.000	.000	.016	.000	.000	.000
.34	.011	.060	.190	.394	.001	.106	.000	.000	.000	.000	.000	.000
.36	.188	.380	.580	.740	.114	.505	.009	.038	.420	.310	.330	.540
.38	.390	.590	.740	.831	.248	.827	.200	.285	.685	.628	.340	.757
.40	.545	.723	.826	.884	.400	.835	.450	.595	.820	.745	.420	.810
.41	.588	.750	.840	.887	.454	.845	.596	.770	.884	.712	.665	.830
.42	.624	.770	.850	.890	.505	.846	.627	.799	.894	.600	.712	.786
.43	.654	.786	.857	.892	.550	.851	.666	.808	.895	.430	.716	.705
.44	.680	.798	.862	.894	.593	.856	.680	.797	.890	.290	.694	.620
.45	.698	.809	.867	.897	.631	.857	.697	.767	.872	.170	.655	.525
.46	.712	.815	.869	.898	.659	.856	.717	.738	.865	.097	.612	.436
.47	.715	.814	.866	.897	.678	.861	.735	.702	.864	.055	.568	.365
.48	.705	.802	.856	.894	.689	.866	.750	.628	.845	.035	.531	.313
.49	.678	.780	.838	.885	.687	.869	.763	.522	.805	.023	.501	.275
.50	.636	.740	.810	.872	.673	.870	.768	.406	.750	.017	.482	.252
.51	.570	.685	.770	.850	.641	.869	.767	.288	.684	.015	.469	.237
.52	.480	.610	.714	.817	.586	.866	.753	.186	.601	.013	.463	.231
.53	.387	.525	.650	.781	.520	.863	.725	.105	.495	.013	.461	.230
.54	.288	.430	.576	.736	.437	.865	.676	.053	.388	.014	.464	.235
.55	.205	.340	.502	.683	.355	.869	.615	.022	.295	.016	.473	.245
.56	.132	.255	.422	.627	.275	.868	.525	.007	.198	.018	.486	.260
.57	.082	.184	.345	.565	.202	.868	.427	.000	.113	.023	.502	.278
.58	.047	.127	.277	.505	.144	.863	.328	.000	.057	.030	.522	.300
.59	.026	.087	.218	.447	.102	.848	.235	.000	.025	.038	.540	.324
.60	.013	.057	.170	.393	.068	.838	.157	.000	.008	.048	.555	.348
.61	.006	.036	.131	.341	.046	.824	.102	.000	.000	.058	.571	.373
.62	.001	.022	.100	.296	.031	.806	.058	.000	.000	.070	.587	.395
.63	.000	.013	.074	.256	.020	.787	.032	.000	.000	.083	.600	.415
.64	.000	.007	.056	.221	.013	.767	.017	.000	.000	.096	.612	.435
.65	.000	.004	.042	.191	.008	.745	.007	.000	.000	.108	.622	.450
.66	.000	.002	.033	.167	.006	.722	.002	.000	.000	.120	.633	.466
.67	.000	.001	.025	.146	.003	.695	.000	.000	.000	.135	.644	.482
.68	.000	.000	.020	.128	.001	.665	.000	.000	.000	.148	.658	.498
.69	.000	.000	.016	.116	.000	.634	.000	.000	.000	.165	.674	.515
.70	.000	.000	.013	.104	.000	.600	.000	.000	.000	.182	.686	.531
.71	.000	.000	.010	.096	.000	.565	.000	.000	.000	.200	.700	.548
.72	.000	.000	.009	.088	.000	.531	.000	.000	.000	.220	.712	.566
.73	.000	.000	.007	.083	.000	.496	.000	.004	.024	.245	.725	.586
.74	.000	.000	.006	.079	.000	.463	.000	.047	.119	.268	.736	.606
.75	.000	.000	.005	.075	.000	.430	.000	.190	.330	.295	.749	.625
.80	.000	.000	.008	.080	.003	.258	.000	.440	.580	.323	.759	.642
1.00	.000	.005	.045	.188	.056	.019	.000	.890	.917	.505	.815	.750
1.20	.013	.060	.166	.375	.269	.009	.000	.753	.868	.860	.885	.872
1.40	.080	.180	.342	.542	.527	.016	.003	.455	.720	.890	.897	.890
1.60	.210	.342	.500	.658	.701	.035	.038	.100	.285	.892	.902	.892
1.80	.350	.482	.617	.732	.792	.059	.056	.162	.455	.890	.902	.892
2.00	.475	.590	.690	.772	.839	.048	.142	.052	.140	.878	.890	.877
2.20	.560	.653	.720	.778	.850	.275	.075	.075	.175	.860	.865	.860
2.40	.635	.704	.752	.791	.870	.345	.172	.295	.483	.840	.830	.840
2.60	.663	.710	.748	.770	.861	.404	.330	.840	.812	.795	.805	.805
2.80	.660	.700	.730	.750	.840	.340	.382	.530	.804	.752	.775	.775
3.00	.649	.680	.703	.722	.820	.045	.030	.030	.550	.500	.500	.500
3.20	.620	.645	.665	.685	.800	.000	.010	.001	.390	.308	.340	.340
3.40	.580	.605	.625	.645	.760	.000	.000	.065	.222	.145	.180	.180
3.60	.530	.555	.575	.595	.710	.000	.000	.002	.006	.120	.070	.090
3.80	.470	.495	.515	.535	.630	.000	.000	.000	.000	.078	.032	.063
4.00	.400	.425	.445	.465	.550	.000	.000	.000	.000	.078	.029	.060
4.20	.320	.345	.365	.385	.480	.000	.000	.000	.000	.093	.037	.075
4.40	.240	.265	.285	.305	.420	.000	.000	.000	.000	.079	.020	.048
4.60	.160	.185	.205	.225	.360	.000	.000	.000	.000	.020	.004	.014
4.80	.080	.105	.125	.145	.260	.000	.000	.000	.000	.002	.000	.000
5.00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

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TRANSMISSION OF CORNING COLORED FILTERS (Continued)

Transmittance															
			Corning Glass Number												
5070	5071	5073	λ (nm)	5113	5120	5300	5330	5433	5543	5562	5572	5840	5850	5860	5874
.000	.000	.000	.22	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.24	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.26	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.28	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	.30	.000	.000	.000	.002	.000	.000	.000	.000	.001	.039	.000	.000
.012	.045	.090	.32	.000	.000	.000	.250	.000	.000	.000	.045	.242	.490	.008	.031
.310	.330	.540	.34	.000	.000	.000	.622	.000	.000	.012	.325	.600	.790	.179	.228
.628	.340	.757	.36	.035	.018	.000	.796	.100	.120	.205	.660	.682	.858	.340	.447
.745	.420	.810	.38	.200	.540	.000	.835	.350	.380	.495	.805	.392	.850	.085	.378
.712	.665	.830	.40	.371	.670	.000	.865	.585	.600	.717	.874	.000	.788	.000	.032
.600	.712	.786	.41	.371	.790	.000	.850	.636	.635	.748	.873	.000	.720	.000	.004
.430	.716	.705	.42	.337	.805	.000	.823	.665	.646	.761	.865	.000	.630	.000	.000
.290	.694	.620	.43	.272	.560	.000	.783	.674	.635	.759	.857	.000	.522	.000	.000
.170	.655	.525	.44	.198	.386	.000	.725	.665	.602	.742	.845	.000	.410	.000	.000
.097	.612	.436	.45	.118	.485	.000	.650	.635	.550	.713	.832	.000	.290	.000	.000
.055	.568	.365	.46	.055	.475	.000	.555	.577	.465	.662	.808	.000	.175	.000	.000
.035	.531	.313	.47	.013	.370	.008	.455	.467	.335	.565	.765	.000	.125	.000	.000
.023	.501	.275	.48	.000	.385	.026	.355	.327	.190	.435	.693	.000	.022	.000	.000
.017	.482	.252	.49	.000	.685	.085	.270	.205	.090	.300	.605	.000	.005	.000	.000
.015	.469	.237	.50	.000	.660	.125	.197	.120	.040	.197	.523	.000	.000	.000	.000
.013	.463	.231	.51	.000	.390	.106	.145	.060	.013	.110	.430	.000	.000	.000	.000
.013	.461	.230	.52	.000	.305	.094	.110	.024	.002	.051	.328	.000	.000	.000	.000
.014	.464	.235	.53	.000	.175	.064	.085	.008	.000	.022	.247	.000	.000	.000	.000
.016	.473	.245	.54	.000	.610	.149	.068	.005	.000	.012	.216	.000	.000	.000	.000
.018	.486	.260	.55	.000	.817	.147	.055	.006	.000	.015	.246	.000	.000	.000	.000
.023	.502	.278	.56	.000	.230	.087	.043	.007	.000	.018	.285	.000	.000	.000	.000
.030	.522	.300	.57	.000	.125	.013	.032	.000	.000	.011	.258	.000	.000	.000	.000
.038	.540	.324	.58	.000	.000	.000	.022	.000	.000	.002	.175	.000	.000	.000	.000
.048	.555	.348	.59	.000	.006	.000	.016	.000	.000	.000	.116	.000	.000	.000	.000
.058	.571	.373	.60	.000	.180	.000	.012	.000	.000	.000	.113	.000	.000	.000	.000
.070	.587	.395	.61	.000	.545	.000	.009	.000	.000	.000	.123	.000	.000	.000	.000
.083	.600	.415	.62	.000	.825	.000	.010	.000	.000	.000	.126	.000	.000	.000	.000
.096	.612	.435	.63	.000	.838	.000	.013	.000	.000	.000	.120	.000	.000	.000	.000
.108	.622	.450	.64	.000	.878	.000	.015	.000	.000	.000	.111	.000	.000	.000	.000
.120	.633	.466	.65	.000	.893	.000	.015	.000	.000	.000	.120	.000	.000	.000	.000
.135	.644	.482	.66	.000	.883	.000	.014	.000	.000	.000	.165	.000	.000	.000	.000
.148	.658	.498	.67	.000	.820	.000	.013	.000	.000	.000	.265	.000	.000	.000	.000
.165	.674	.515	.68	.000	.705	.000	.015	.000	.000	.000	.425	.000	.000	.000	.000
.182	.686	.531	.69	.000	.743	.000	.022	.000	.000	.001	.615	.000	.029	.000	.000
.200	.700	.548	.70	.000	.860	.000	.041	.000	.000	.004	.756	.007	.160	.000	.017
.220	.712	.566	.71	.000	.876	.000	.085	.000	.001	.004	.837	.020	.385	.000	.075
.245	.725	.586	.72	.000	.815	.000	.165	.000	.002	.004	.874	.037	.615	.000	.168
.268	.736	.606	.73	.000	.435	.000	.285	.000	.002	.002	.889	.060	.760	.000	.257
.295	.749	.675	.74	.000	.045	.000	.460	.000	.002	.002	.895	.086	.843	.000	.320
.323	.759	.642	.75	.000	.055	.000	.645	.000	.001	.001	.898	.080	.878	.000	.335
.505	.815	.750	.80	.000	.030	.000	.900	.005	.002	.003	.895	.009	.890	.000	.218
.860	.885	.872	1.00	.000	.860	.003	.800	.010	.015	.020	.880	.000	.716	.000	.050
.890	.897	.890	1.20	.000	.770	.026	.570	.030	.020	.047	.690	.000	.169	.000	.011
.892	.902	.892	1.40	.000	.550	.072	.410	.060	.040	.095	.640	.004	.042	.004	.012
.890	.902	.892	1.60	.000	.620	.200	.405	.116	.060	.154	.625	.002	.036	.002	.010
.878	.890	.877	1.80	.000	.580	.265	.425	.172	.090	.223	.635	.000	.048	.000	.010
.860	.865	.860	2.00	.010	.580	.374	.476	.343	.247	.410	.750	.000	.168	.000	.018
.840	.830	.840	2.20	.071	.747	.533	.535	.475	.400	.528	.780	.000	.338	.000	.036
.812	.795	.805	2.40	.190	.400	.370	.552	.575	.520	.600	.780	.000	.492	.000	.074
.804	.752	.775	2.60	.203	.530	.523	.540	.580	.532	.603	.745	.000	.510	.000	.088
.550	.500	.500	2.80	.100	.250	.265	.007	.162	.132	.360	.470	.000	.170	.000	.003
.390	.308	.340	3.00	.080	.080	.202	.012	.195	.151	.280	.315	.000	.128	.000	.020
.222	.145	.180	3.20	.068	.072	.180	.082	.131	.105	.172	.200	.000	.084	.000	.053
.120	.070	.090	3.40	.030	.029	.131	.003	.079	.065	.100	.100	.000	.065	.000	.050
.078	.032	.063	3.60	.021	.017	.103	.000	.061	.030	.053	.049	.002	.070	.000	.000
.078	.029	.060	3.80	.023	.021	.093	.000	.068	.032	.040	.037	.001	.082	.000	.000
.093	.037	.075	4.00	.040	.025	.112	.000	.071	.039	.050	.042	.005	.090	.000	.000
.079	.020	.048	4.20	.019	.010	.069	.000	.020	.015	.017	.020	.002	.055	.000	.000
.020	.004	.014	4.40	.001	.001	.007	.000	.000	.000	.000	.002	.000	.002	.000	.000
.002	.000	.000	4.60	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	4.80	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
.000	.000	.000	5.00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

TRANSMISSION OF CORNING COLORED FILTERS (Continued)

Transmittance												
λ (nm)	Corning Glass Number											
	5900	5970	7380	7740	7905	7910	8364	9780	9782	9788	9830	9863
.22	.000	.000	.000	.000	.000	.012	.000	.000	.000	.000	.000	.000
.24	.000	.000	.000	.000	.360	.505	.000	.000	.000	.000	.000	.054
.26	.000	.000	.000	.000	.495	.780	.000	.000	.000	.000	.000	.482
.28	.000	.000	.000	.004	.590	.855	.000	.000	.000	.000	.000	.731
.30	.000	.000	.000	.321	.720	.877	.000	.000	.000	.000	.000	.831
.32	.000	.138	.000	.722	.825	.900	.000	.000	.000	.000	.000	.862
.34	.008	.600	.000	.851	.880	.903	.002	.015	.000	.060	.001	.854
.36	.150	.799	.440	.889	.910	.905	.083	.290	.060	.470	.059	.816
.38	.445	.742	.795	.900	.915	.906	.136	.590	.445	.770	.160	.620
.40	.678	.190	.892	.916	.920	.920	.296	.725	.747	.885	.130	.090
.41	.688	.029	.904	.915	.920	.920	.273	.705	.790	.895	.044	.018
.42	.635	.000	.910	.915	.920	.921	.232	.770	.818	.902	.004	.003
.43	.586	.000	.913	.914	.920	.923	.191	.778	.836	.905	.000	.000
.44	.522	.000	.915	.913	.920	.924	.157	.801	.847	.906	.000	.000
.45	.458	.000	.916	.913	.922	.925	.144	.814	.855	.906	.000	.000
.46	.400	.000	.917	.914	.922	.925	.140	.823	.860	.906	.000	.000
.47	.350	.000	.917	.915	.922	.925	.141	.832	.863	.906	.000	.000
.48	.306	.000	.917	.915	.923	.925	.146	.839	.863	.905	.000	.000
.49	.275	.000	.918	.915	.930	.926	.152	.843	.859	.904	.000	.000
.50	.246	.000	.918	.915	.925	.926	.166	.843	.848	.900	.014	.000
.51	.223	.000	.919	.915	.925	.927	.178	.838	.825	.893	.180	.000
.52	.196	.000	.919	.916	.925	.928	.190	.824	.784	.880	.175	.000
.53	.172	.000	.919	.916	.923	.928	.196	.798	.720	.862	.018	.000
.54	.154	.000	.919	.916	.926	.929	.198	.756	.627	.831	.000	.000
.55	.148	.000	.920	.917	.923	.929	.197	.697	.515	.787	.050	.000
.56	.151	.000	.920	.917	.925	.930	.199	.615	.380	.728	.265	.000
.57	.146	.000	.919	.918	.925	.930	.206	.518	.255	.655	.165	.000
.58	.125	.000	.918	.919	.925	.930	.217	.414	.150	.570	.035	.000
.59	.102	.000	.918	.920	.925	.930	.222	.302	.075	.475	.004	.000
.60	.093	.000	.920	.920	.925	.930	.215	.215	.032	.380	.000	.000
.61	.087	.000	.920	.920	.925	.930	.196	.135	.010	.290	.000	.000
.62	.081	.000	.920	.920	.925	.930	.175	.080	.002	.210	.000	.000
.63	.070	.000	.920	.919	.926	.930	.161	.042	.000	.145	.000	.000
.64	.061	.000	.920	.919	.927	.931	.156	.021	.000	.094	.000	.000
.65	.055	.000	.920	.918	.927	.931	.162	.008	.000	.059	.000	.000
.66	.055	.000	.920	.917	.927	.932	.176	.003	.000	.035	.000	.000
.67	.059	.000	.920	.916	.928	.932	.200	.000	.000	.020	.000	.000
.68	.065	.000	.920	.916	.927	.932	.228	.000	.000	.010	.075	.022
.69	.068	.007	.921	.915	.927	.932	.248	.000	.000	.005	.380	.106
.70	.068	.036	.921	.915	.928	.932	.251	.000	.000	.001	.642	.234
.71	.066	.085	.922	.914	.926	.933	.237	.000	.000	.000	.694	.332
.72	.064	.145	.922	.912	.926	.933	.223	.000	.000	.000	.666	.383
.73	.060	.222	.922	.910	.926	.933	.210	.000	.000	.000	.607	.384
.74	.057	.323	.921	.909	.927	.934	.197	.000	.000	.000	.531	.358
.75	.055	.385	.921	.907	.928	.934	.180	.000	.000	.000	.445	.322
.80	.050	.287	.918	.890	.930	.932	.110	.000	.000	.000	.045	.175
1.00	.085	.032	.910	.860	.930	.928	.032	.000	.000	.000	.000	.119
1.20	.180	.021	.910	.860	.925	.928	.032	.000	.000	.005	.007	.016
1.40	.295	.109	.906	.870	.925	.930	.062	.018	.000	.080	.000	.005
1.60	.405	.088	.910	.892	.931	.930	.137	.131	.011	.266	.000	.007
1.80	.495	.040	.903	.896	.931	.930	.182	.317	.085	.430	.157	.011
2.00	.590	.008	.900	.897	.934	.929	.171	.440	.216	.512	.041	.029
2.20	.628	.002	.898	.875	.934	.835	.184	.440	.278	.455	.000	.048
2.40	.640	.009	.890	.850	.930	.890	.225	.440	.325	.433	.000	.060
2.60	.630	.018	.860	.820	.920	.780	.258	.280	.212	.252	.057	.051
2.80	.470	.030	.375	.140	.908	.180	.145	.060	.040	.060	.020	.000
3.00	.248	.030	.425	.360	.880	.695	.130	.000	.000	.000	.000	.000
3.20	.121	.030	.380	.490	.861	.760	.125	.000	.000	.000	.000	.000
3.40	.032	.020	.310	.270	.670	.620	.099	.000	.000	.000	.000	.000
3.60	.010	.015	.270	.010	.111	.080	.115	.000	.000	.000	.000	.000
3.80	.010	.020	.275	.040	.270	.240	.142	.000	.000	.000	.000	.000
4.00	.010	.030	.260	.013	.170	.150	.172	.000	.000	.000	.000	.000
4.20	.006	.017	.180	.026	.250	.230	.158	.000	.000	.000	.000	.000
4.40	.001	.002	.040	.004	.085	.080	.078	.000	.000	.000	.000	.000
4.60	.000	.000	.000	.000	.050	.020	.010	.000	.000	.000	.000	.000
4.80	.000	.000	.000	.000	.000	.000	.003	.000	.000	.000	.000	.000
5.00	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000