

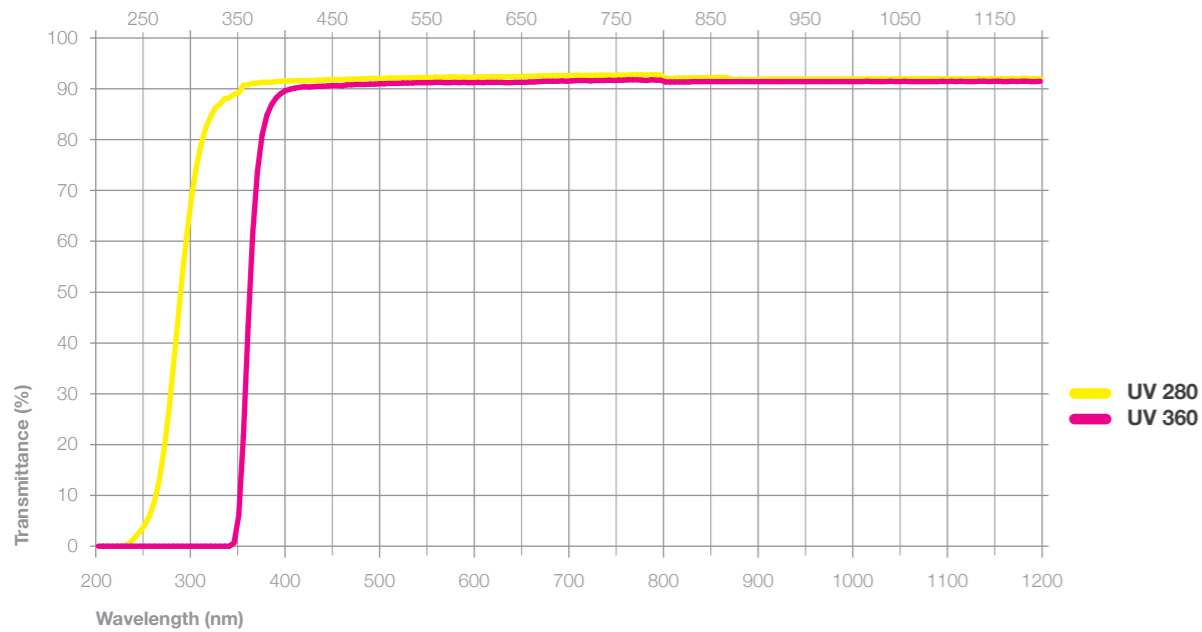
# Glass Types

ULTRAVIOLET	HEBO	Schott	Hoya
	UV 280	≈ WG 280	≈ UV-28
	UV 360	≈ WG 360	≈ UV-36

## Ultraviolet Glass Characteristics

Type	Thickness	n (587,6 nm)	ρ (g/cm³)	T <sub>g</sub> (°C)	T <sub>s</sub> (°C)	α × 10 <sup>-7</sup> (°C)	D <sub>A</sub>	D <sub>W</sub>	Bubbles	Homogeneity	Striae
UV 280	2 mm	1,512	2,52	586	656	81	1	4	2	1	2
UV 360	2 mm	1,643	3,72	487	546	98	5	4	3	0	1

Type	Thickness	λ <sub>t</sub> 50% (nm)	λ <sub>p</sub> (nm)	Tλ <sub>p</sub> (%)	T <sub>k</sub> (nm/°C)
UV 280	2 mm	280 ± 9	350	≥ 89,5	0,02
UV 360	2 mm	360 ± 9	440	≥ 87,0	0,08



	UV 280	UV 360
Thickness (mm)	2	2
Wavelength (nm)	%T	%T
200	0,004	0,010
210	0,001	0,008
220	0,015	0,012
230	0,884	0,017
240	3,004	0,016
250	6,109	0,017
260	12,824	0,016
270	25,951	0,018
280	44,349	0,016
290	61,930	0,009
300	74,821	0,003
310	82,444	4 · 10 <sup>-4</sup>
320	86,277	2 · 10 <sup>-4</sup>
330	88,128	6 · 10 <sup>-5</sup>
340	88,975	0,633
350	90,699	21,640
360	91,045	61,663
370	91,257	80,901
380	91,307	86,878
390	91,498	89,086
400	91,534	89,952
410	91,625	90,319
420	91,623	90,372
430	91,694	90,509
440	91,762	90,563
450	91,832	90,654
460	91,906	90,760
470	91,927	90,835
480	91,968	90,867
490	92,042	90,956
500	92,095	91,009
510	92,122	91,058
520	92,152	91,128
530	92,196	91,173
540	92,223	91,192
550	92,202	91,186
560	92,281	91,259
570	92,369	91,234
580	92,302	91,230
590	92,264	91,202
600	92,378	91,263
610	92,375	91,253
620	92,393	91,249
630	92,425	91,235
640	92,449	91,252
650	92,470	91,310
660	92,500	91,353
670	92,579	91,460
680	92,563	91,460
690	92,590	91,570

	UV 280	UV 360
Thickness (mm)	2	2
Wavelength (nm)	%T	%T
700	92,661	91,564
710	92,649	91,624
720	92,623	91,585
730	92,715	91,666
740	92,671	91,690
750	92,680	91,687
760	92,733	91,747
770	92,756	91,798
780	92,679	91,650
790	92,774	91,706
800	92,053	91,340
810	92,056	91,358
820	92,104	91,376
830	92,144	91,391
840	92,204	91,429
850	92,199	91,408
900	91,875	91,449
950	91,935	91,437
1000	91,945	91,426
1050	91,974	91,452
1065	91,955	91,437
1100	91,986	91,440
1200	92,029	91,467
1300	92,073	91,483
1400	91,914	91,374
1500	92,086	91,466
1600	92,117	91,422
1700	92,060	91,156
1800	92,011	90,719
1900	91,941	90,240
2000	91,732	89,509
2100	91,312	88,698
2200	90,831	87,207
2300	90,717	86,478
2400	90,200	85,294
2500	89,287	83,853
2600	88,600	82,317
2700	84,891	78,142
2800	53,450	40,665
2900	57,657	37,584
3000	58,741	34,051