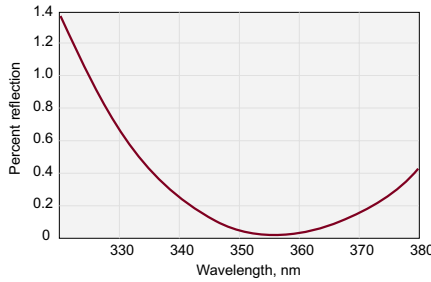


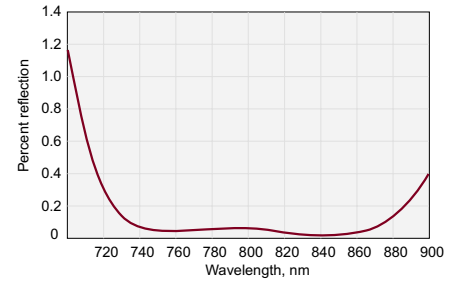
ANTI-REFLECTION COATINGS

Laser Line Anti-Reflection Coatings

These multilayer anti-reflection coatings are designed for reducing the reflectivity of a component to near-zero for one very specific wavelength. Therefore, valuable laser energy is efficiently transferred through complex optical systems rather than being lost to glare and scatter. Our AR coatings are intended for use at normal incidence, and when used in this way will achieve maximum efficiency transmission.



3015.  $R < 0.25\%$  @ 351–355 nm, AOI = 0°.

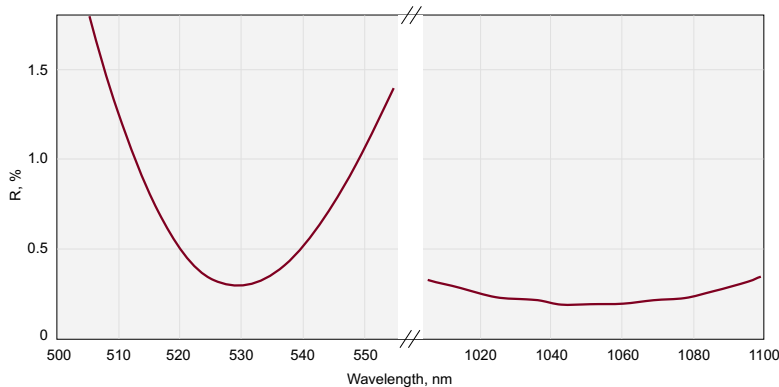


3033.  $R < 0.2\%$  @ 800 nm, AOI = 0°.

Wavelength, nm	Reflectivity, %	AOI, deg	Damage threshold	Coating number	Price, EUR Ø25 / Ø50
193	< 1.0	0	1 J/cm <sup>2</sup> in 10 ns	3005	60 / 71
248	< 0.8	0	1.5 J/cm <sup>2</sup> in 10 ns	3007	50 / 61
266	< 0.4	0	1.5 J/cm <sup>2</sup> in 10 ns	3009	45 / 56
308	< 0.4	0	1.5 J/cm <sup>2</sup> in 10 ns	3011	45 / 56
351–355	< 0.25	0	2 J/cm <sup>2</sup> in 10 ns	3015	39 / 50
400	< 0.3	0	2 J/cm <sup>2</sup> in 10 ns	3017	34 / 45
488–514	< 0.3	0	2 J/cm <sup>2</sup> in 10 ns	3021	34 / 45
532	< 0.2	0	4 J/cm <sup>2</sup> in 10 ns	3025	34 / 45
633–650	< 0.25	0	4 J/cm <sup>2</sup> in 10 ns	3027	34 / 45
780	< 0.2	0	5 J/cm <sup>2</sup> in 10 ns	3031	34 / 45
800	< 0.2	0	5 J/cm <sup>2</sup> in 10 ns	3033	34 / 45
850	< 0.2	0	5 J/cm <sup>2</sup> in 10 ns	3035	34 / 45
1064	< 0.2	0	5 J/cm <sup>2</sup> in 10 ns	3037	34 / 45
1320	< 0.2	0	5 J/cm <sup>2</sup> in 10 ns	3041	34 / 45
1547	< 0.5	0	4 J/cm <sup>2</sup> in 10 ns	3045	34 / 45

Please contact us for other wavelengths and AOI's.

Dual Band Anti-Reflection Coatings



3122.  $R < 0.25\%$  @ 532 + 1064 nm, AOI = 0°.

Wavelength, nm	Reflectivity, %	AOI, deg	Damage threshold	Coating number	Price, EUR Ø25 / Ø50
266 + 532	< 0.5	0	1.5 J/cm <sup>2</sup> in 10 ns	3106	56 / 67
355 + 532	< 0.5	0	2 J/cm <sup>2</sup> in 10 ns	3110	50 / 61
355 + 1064	< 0.5	0	2 J/cm <sup>2</sup> in 10 ns	3114	50 / 61
400 + 800	< 0.25	0	3 J/cm <sup>2</sup> in 10 ns	3118	50 / 61
532 + 1064	< 0.25	0	4 J/cm <sup>2</sup> in 10 ns	3122	45 / 56
670 + 1064	< 0.25	0	4 J/cm <sup>2</sup> in 10 ns	3126	45 / 56
1064 + 1320	< 0.3	0	4 J/cm <sup>2</sup> in 10 ns	3130	45 / 56
1064 + 1570	< 0.3	0	3 J/cm <sup>2</sup> in 10 ns	3134	49 / 59

Please contact us for other wavelengths and AOI's.