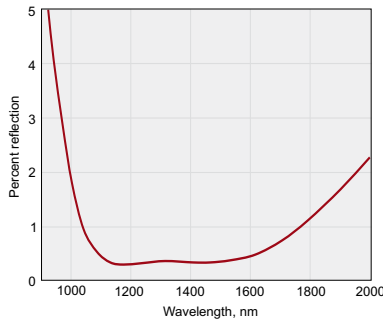


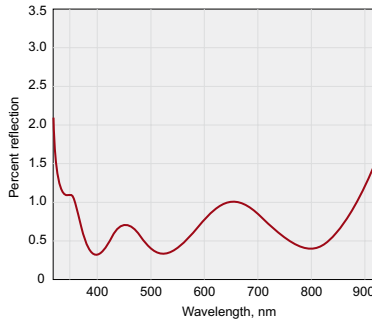
## Broadband Anti-Reflection Coatings

Coating number		Wavelength, nm	Reflectivity, %		Damage threshold, J/cm <sup>2</sup> in 10 ns	Price, EUR Ø25 / Ø50
AOI = 0°	AOI = 45°		AOI = 0°	AOI = 45°		
3205-i0	3205-i45	210-400	<1.5	<2.5	1.5	67 / 78
3207-i0	3207-i45	250-350	<1.2	<2.5	1.5	67 / 78
3209-i0	3209-i45	300-400	<1.0	<2.0	1.5	61 / 74
3211-i0	3211-i45	350-500	<0.8	<1.6	2.0	61 / 74
3213-i0	3213-i45	350-900	<1.5	<3.0	2.0	67 / 78
3215-i0	3215-i45	400-550	<0.4	<0.8	2.5	56 / 67
3217-i0	3217-i45	400-700	<0.9	<1.8	3.0	56 / 67
3219-i0	3219-i45	420-680	<0.5	<1.0	3.0	56 / 67
3221-i0	3221-i45	450-750	<0.5	<1.0	3.0	56 / 67
3223-i0	3223-i45	500-800	<0.6	<1.2	3.0	61 / 72
3224-i0	3224-i45	500-1000	<1.5	<3.0	3.0	61 / 72
3225-i0	3225-i45	600-900	<0.5	<1.0	3.0	57 / 68
3227-i0	3227-i45	750-900	<0.5	<1.0	3.0	57 / 68
3229-i0	3229-i45	800-1200	<0.7	<1.4	2.5	61 / 72
3231-i0	3231-i45	1000-1400	<0.7	<1.4	2.0	63 / 74
3232-i0	3232-i45	1060-1700	<1.0	<1.5	2.0	76 / 89
3233-i0	3233-i45	1300-1700	<0.7	<1.4	2.0	63 / 74
3235-i0	3235-i45	1500-2000	<0.7	<1.4	1.5	65 / 76

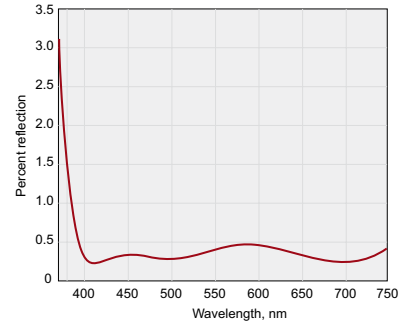
Contact us for other wavelengths and AOI's values.



3232-i0. R<1% @ 1060-1700 nm, AOI=0°



3213. R<1.5% @ 350-900 nm, AOI = 0°.



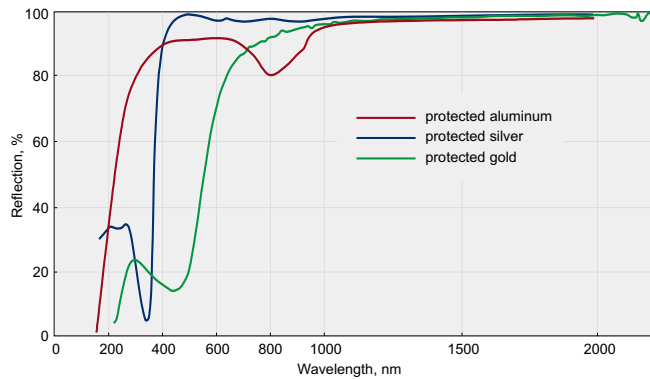
3217. R<0.9% @ 400-700 nm, AOI = 0°.

## METALLIC COATINGS

- Protected gold
- Protected aluminium
- Protected silver
- Enhanced aluminium

Protected metallic coatings provide a moderate level of reflection over a very broad spectral range and are widely used as mirrors. These coatings are protected by a thin layer of dielectric material in order to make them durable. Enhanced metallic coatings provide greater reflection across the operating bandwidth. These coatings are enhanced by adding a multilayer dielectric stack.

Metal coatings modify the state of polarization of an incident beam of light and are therefore inappropriate for most polarization sensitive applications.



Wavelength, nm	Average reflection, %	Type	Laser Induced Damage Threshold at 1064 nm, 50 Hz, 11 nsec, J/cm <sup>2</sup>	Coating number	Price, EUR Ø25 / Ø50
250-350	>88	UV enhanced aluminium	0.25	0005	34 / 52
450-650	>91	VIS enhanced aluminium	0.25	0010	25 / 40
300-IR	>86	Protected aluminium	0.25	0015	17 / 28
400-IR	>96	Protected silver	1.8	0025	56 / 76
900-IR	>98	Protected gold	1.0	0030	82 / 107

Please contact us for other wavelengths and AOI's.

COATINGS  
WINDOWS & FILTERS  
MIRRORS  
LENSES  
PRISMS  
POLARIZING OPTICS  
UV & IR OPTICS