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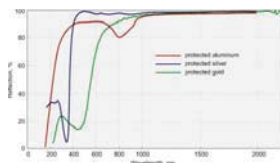
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Metallic Coatings



applications.

- Products
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Catalogue number	Wavelength, nm	Average reflection, %	Type	Damage Threshold @1064 nm 10 ns, J/cm ²	Price, €	
					Ø25,4	Ø50,8
0005	250-350	>88	UV enhanced aluminium	0.25	34	52
0010	450-650	>91	VIS enhanced aluminium	0.25	25	40
0015	300-IR	>86	Protected aluminium	0.25	17	28
0025	400-IR	>96	Protected silver	1.8	56	76
0030	900-IR	>98	Protected gold	1.0	82	107

Contact us for other wavelengths and AOI's.

- protected aluminium
- protected silver
- protected gold
- 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 band width. These coatings are enhanced by adding a multilayer dielectric stack. Metal coatings will modify the state of polarization of an incident beam of light and are therefore inappropriate for most polarization sensitive

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