



Coatings

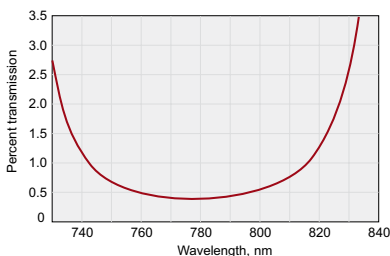
HIGH REFLECTIVITY COATINGS

These multilayer coatings are stacks intended to achieve the highest possible reflectivity at specific laser line wavelengths at normal or 45 degrees incidence. Laser

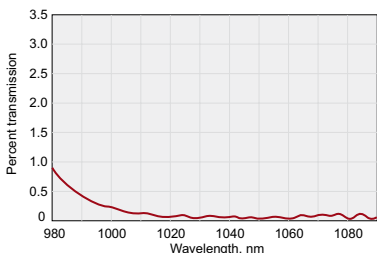
line high reflectivity coatings are intended for external beam manipulation applications where even slight losses may be intolerable.

For appropriate coating, please add the number of the chosen coating to the required optical component catalogue number.

Laser Line Coatings



1031. HR>99.5% @ 780 nm, AOI = 45°.

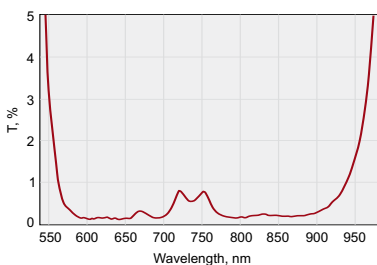


1037. HR>99.8% @ 1064 nm, AOI = 0°.

Coating number		Wave-length, nm	Reflectivity, %		Recom-mended substrate	Damage threshold, J/cm ² in 10 ns	Price, EUR Ø25 / Ø50
AOI=0°	AOI=45°		AOI=0°	AOI=45°			
1007-i0	1007-i45	226	>99	>99	UV FS	1	89 / 111
1009-i0	1009-i45	248	>99	>99	UV FS	1.5	89 / 111
1011-i0	1011-i45	266	>99.5	>99	UV FS	1.5	78 / 100
1013-i0	1013-i45	308	>99.5	>99.2	UV FS	1.5	78 / 100
1015-i0	1015-i45	325	>99.5	>99.2	UV FS	1.5	78 / 100
1017-i0	1017-i45	337	>99.8	>99.5	UV FS	1.5	78 / 100
1019-i0	1019-i45	355	>99.8	>99.5	UV FS	1.5	61 / 78
1021-i0	1021-i45	400	>99.8	>99.5	UV FS	1.5	67 / 83
1023-i0	1023-i45	473	>99.8	>99.5	UV FS, BK7	1.5	67 / 83
1024-i0	1024-i45	488-515	>99.8	>99.5	UV FS, BK7	1.5	67 / 83
1025-i0	1025-i45	532	>99.8	>99.5	UV FS, BK7	5	45 / 58
1027-i0	1027-i45	589	>99.8	>99.5	UV FS, BK7	5	56 / 72
1029-i0	1029-i45	616	>99.8	>99.5	UV FS, BK7	5	56 / 72
1030-i0	1030-i45	633	>99.8	>99.5	UV FS, BK7	5	56 / 72
1031-i0	1031-i45	780	>99.8	>99.5	UV FS, BK7	5	56 / 72
1032-i0	1032-i45	800	>99.8	>99.5	UV FS, BK7	5	56 / 72
1033-i0	1033-i45	830	>99.8	>99.5	UV FS, BK7	5	56 / 72
1034-i0	1034-i45	852	>99.8	>99.5	UV FS, BK7	5	56 / 72
1035-i0	1035-i45	946	>99.8	>99.5	UV FS, BK7	5	56 / 72
1037-i0	1037-i45	1064	>99.8	>99.5	UV FS, BK7	5	45 / 58
1039-i0	1039-i45	1320	>99.8	>99.5	UV FS, BK7	1.5	56 / 72
1045-i0	1045-i45	1550	>99.8	>99.5	UV FS, BK7	1.5	67 / 83
1047-i0	1047-i45	2000	>99	>99	UV FS, Sapphire	1.5	89 / 111
1049-i0	1049-i45	2100	>99	>99	UV FS, Sapphire	1.5	89 / 111

Contact us for other wavelengths and AOI's values.

Broadband Coatings



1130. HR>99% @ 600–900nm, AOI= 0°.

Coating number		Wave-length, nm	Reflectivity, %		Recom-mended substrate	Damage threshold, J/cm ² in 10 ns	Price, EUR Ø25 / Ø50
AOI=0°	AOI=45°		AOI=0°	AOI=45°			
1106-i0	1106-i45	220-250	>99	>99	UV FS	1	111 / 133
1110-i0	1110-i45	260-340	>99	>99	UV FS	1	105 / 127
1114-i0	1114-i45	350-450	>99	>99	UV FS	1	100 / 122
1116-i0	1116-i45	420-680	>99	>99	UV FS, BK7	1	100 / 122
1118-i0	1118-i45	450-600	>99	>99	UV FS, BK7	1	100 / 122
1122-i0	1122-i45	500-700	>99	>99	UV FS, BK7	1	100 / 122
1126-i0	1126-i45	500-800	>99	>99	UV FS, BK7	1	105 / 127
1130-i0	1130-i45	600-900	>99	>99	UV FS, BK7	1	105 / 127
1132-i0	1132-i45	720-880	>99	>99	UV FS, BK7	1	105 / 127
1134-i0	1134-i45	750-1000	>99	>99	UV FS, BK7	1	100 / 122
1142-i0	1142-i45	900-1100	>99	>99	UV FS, BK7	1.5	105 / 127

Contact us for other wavelengths and AOI's values.