

Substrates & Windows Selection Guide

Substrates

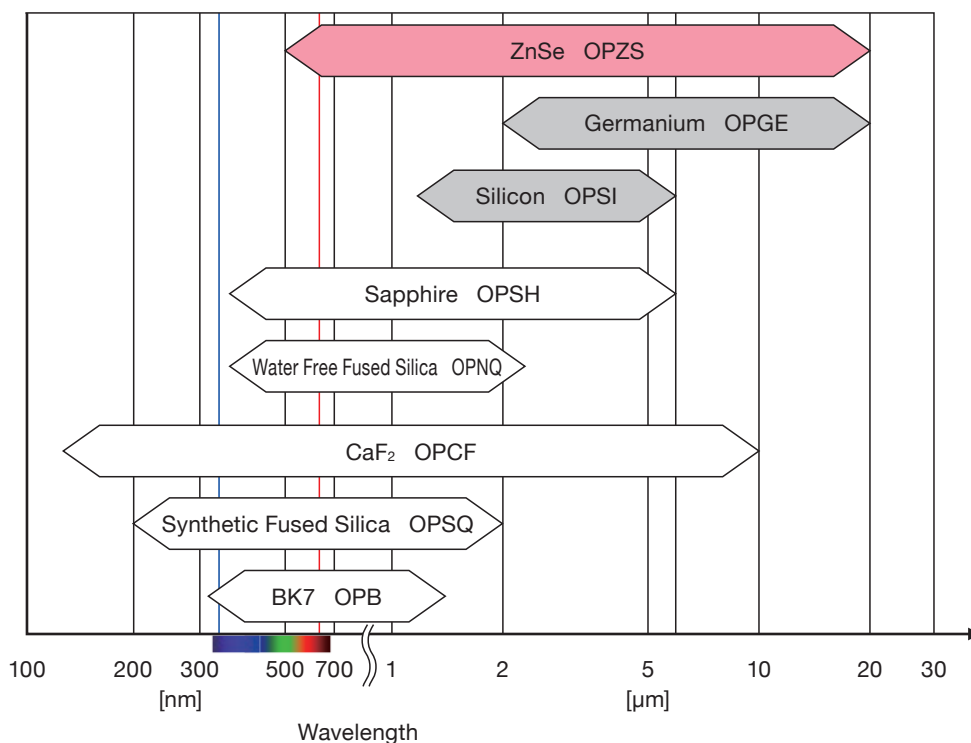
Uncoated optical glasses (substrates) used for mirrors or beamsplitters. If you want to construct mirrors or beamsplitters with custom specification, you will be able to apply custom coating to the standard substrates.

Applications	Substrate to adapt
Mirrors	Optical Flats (OFB/OFSQ/Others) Optical Parallels (OPB/OPSQ/OPSQK)
Half mirrors Beamsplitters	Optical Parallels (OPB/OPSQ/OPSQK) Wedged Substrates (WSB/WSSQ/WSSQK)
Windows	Optical Parallels (OPB/OPSQ/OPSQK) Wedged Substrates (WSB/WSSQ/WSSQK)
Concave mirrors (Laser cavity mirrors)	Concave Mirror Substrates (TCBS/LCBS)
Test plates Interferometer reference mirrors	Optical Flats (HMPQP/HMPZP) Master Optics
High power laser mirrors X-ray mirrors	Low scattering substrate (OPSQSP/WSSQSP)

Windows

Windows for the optical instrument to be used when light is passed through the opposite side of the partition or inside of the vacuum chamber.

Materials used to window changes depending on the wavelength used. Since there are advantages and disadvantages depending on the material, please check the properties.



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