

Phase Retardation Plates (PRP)

common materials:	crystalline quartz crystalline magnesium flouride crystalline cadmium telluride crystalline cadmium sulfide
wavelength range:	120nm ... 20µm
standard wavelengths:	190nm ... 12.0µm (other wavelengths by request)
retardation order:	low order (LO), first order (FO), zero order (ZO)
achromatic PRP:	bandwidth over 40% of the central wavelength
clear aperture (CA):	up to 80-100mm (up to 250mm by request)
antireflection coating:	yes, always as standard for work wavelength(s)
standard mountings:	12.5mm and 25.0mm (other sizes by request)

prices (EUR/pc) for standard PRP (1-10pcs)

size	120nm...190nm LO	190nm...2.5µm LO ZO	achromatic 400-750nm 700-1150nm 1000-1750nm	2.5µm...7µm LO	7µm...12µm FO
CA 8-10mm diameter 12.5mm	345	130 170	345	345	1pc - 3,150 EUR/pc 3pcs - 2,350 EUR/pc 5pcs - 1,950 EUR/pc
CA 17-18mm diameter 25.0mm	390	160 190	390	390	1pc - 4,730 EUR/pc 3pcs - 3,280 EUR/pc 5pcs - 2,890 EUR/pc

customized phase retardation plates are possible by request