

Phase Retardation Plates (PRP)

common materials:	crystalline quartz crystalline magnesium fluoride 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...260nm LO ZO	260nm...2.5µm LO ZO	achromatic 400-750nm 700-1150nm 1000-1750nm	2.5µm...7µm LO	7µm...12µm FO
CA 8-10mm dia 12.5mm	345	260 345	130 170	345	345	1pc - 3,150 3pcs - 2,350 5pcs - 1,950
CA 17-18mm dia 25.0mm	390	320 390	160 190	390	390	1pc - 4,730 3pcs - 3,280 5pcs - 2,890
CA 38-40mm dia 50.0mm	by request	by request	320 390	by request	by request	by request

customized phase retardation plates are possible by request