

COMAR

Optics for the real world

100 PS 40

UV-silica convex lenses

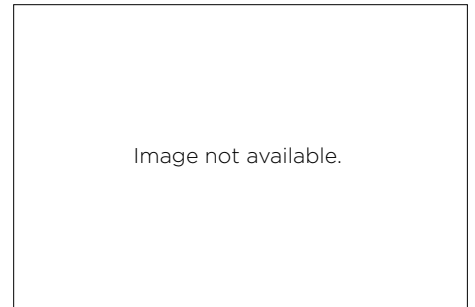
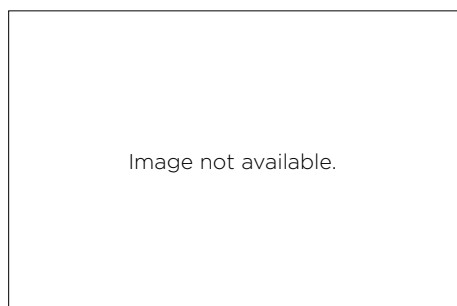


Photo representative of the UV-silica convex lenses range, and may not show the part 100 PS 40.

100 PS 40 specification

| | |
|-----------------------------------|------------------|
| Diameter (mm) | 40 |
| Diameter tolerance (mm) | +0, -0.1mm |
| Focal length (mm) | 100 |
| Focal length tolerance (at 587nm) | ±2% |
| Back focal length (mm) | 95.8 |
| Centre thickness (mm) | n/a |
| Centre thickness tolerance | n/a |
| Edge thickness (mm) | 1.5mm (± 0.35mm) |
| Centration | n/a |
| Form | Planovex |
| Scratch-dig | n/a |
| Coating type | Uncoated |
| Glass type | UV silica |
| Diffraction-limited aperture (mm) | n/a |
| Radii (mm) | n/a |
| Back vertex power (diopter) | n/a |
| Back vertex power tolerance | n/a |
| Figure (sphericity) | n/a |



Two typical curves are shown for each coating. Curve 2 applies only to convex surfaces of short radius (R greater than 1.33 x dia.) and Curve 1 to all other surfaces.