

MIRRORS

Aspheric mirrors, including paraboloids, hyperboloids and ellipsoids, as well as mirrors with a customer-specific aspherical surface, are among the specialties of asphericon's product range.

| Specifications | Custom Mirrors |
|--|---|
| Diameter | 1 – 420 mm |
| Diameter Tolerance | < 0.015 µm |
| RMS Irregularities (RMS _i) | 25 nm |
| Surface Imperfections (Scratch/Dig) | 20 - 10 |
| Coating | Customer-specific |
| Full-surface Interferometric Measurement | Optional |
| Materials | Customer-specific (almost every type of glass, silica, germanium, silicon, IR lenses, zerodur) |
| Mounting | Customer-specific |

All products are also available as reflective mirror elements.

¹ A: R_{MAX}<1.0%, R_{AVG}≤0.4%, 400-600 nm, AOI=0° | B: R_{MAX}<1.0%, R_{AVG}≤0.4%, 600-1050 nm, AOI=0° | C: R_{MAX}<1.0%, R_{AVG}≤0.4%, 1000-1600 nm, AOI=0°

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