

THINSITE®

by Art Optical Contact Lens, Inc.

An exceptionally healthy and comfortable lens, Thinsite® reduces lens mass by 48% and increases oxygen transmissibility by up to 37%. Thinsite's thinner lens profile features the stability & flexural resistance of standard center thickness lenses.



FAST AND EASY ADAPTATION FOR YOUR GP PATIENTS

PATIENT CONSIDERATIONS

THINSITE is ideal for:

- First-time GP lens wearers
- Adapted patients with high Rx demands
- Patients in need of improved centration
- Cases where optimal O₂ is required

Preferred Material

OPTIMUM
BY **Contamac**

Be sure to request **tangible Hydra-PEG lens treatment** for enhanced surface properties and increased wearing time!



IMMEDIATE AVAILABILITY

THINSITE lenses are custom manufactured & shipped in just 24-48 hours!

EXPERT TECHNICAL SUPPORT

Our large, experienced professional consultation team is available weekdays until 6:00 pm EST to enhance your THINSITE fitting experience.

PERFORMANCE PROVEN FEATURES:

PATENTED THIN LENS TECHNOLOGY

Reduced lens mass aids in centration and increases oxygen performance compared to standard thickness designs. Featured in Optimum Comfort material, all minus powered lenses have a center thickness of .08. All plus power lenses have a 30% decrease in center thickness versus conventional GP lens designs for enhanced O₂ transmission and optimum ocular health.

JUNCTIONLESS ASPHERIC FRONT & BACK SURFACES

Reduced lid interaction and lens awareness for easier, faster adaptation.

CT CONTROL FOR IMPROVED STABILITY

In low power ranges (+/-3.00), use Thinsite2, a design variation that adjusts the CT according to lens power for improved structural stability and patient handling.

EMPIRICAL FITTING GUIDANCE & PARAMETERS

DETERMINE BASE CURVE ACCORDING TO CORNEAL CYLINDER

Corneal Cylinder	Base Curve Selection
Spherical to 1.00D	On Flat K
1.25 to 1.75D	0.25D Steeper than K
2.00 to 2.50D	0.50D Steeper than K

SELECT DIAMETER ACCORDING TO BASE CURVE

Base Curve	Diameter Selection
8.50 to 8.35mm	10.0mm
8.30 to 7.55mm	9.5mm
7.50 to 7.00mm	9.0mm

Diameter selection is based on corneal diameter relative to corneal curvature. Flat corneas are typically larger and may require a larger lens size while steeper corneas are typically smaller and may require a smaller lens size. This is only considered a starting point and may be altered as needed to optimize the fitting relationship.

DETERMINE THE DISTANCE POWER

Compensate for any vertex change (sphere powers of (+/-) 4.00 diopters or greater) and adjust for any tear layer change generated from going flatter or steeper than flat K.

AVAILABLE PARAMETERS

Base Curves: 7.00 to 8.50mm in .05 steps

Diameter: 8.5, 9.0, 9.5 and 10.0

Power: +/-20.00D in .25 steps

DIAGNOSTIC SET PARAMETERS

Base Curves: 7.30 to 7.90mm and 7.70 to 8.30mm in .10 steps

Diameter: 9.0 (7.30 to 7.90 base curves)

Diameter: 9.5 (7.70 to 8.30 base curves)

Power: -3.00D