



THIN-TECH[®]
LENS
MAKING THE IMPOSSIBLE, POSSIBLE

With THIN-TECH[®]
It is no longer a dream

Fashionable Rx Sunglasses

www.thintechlens.com

The Design

Patented Design

A Thin-Tech® prescription lens has an intermediate zone surrounding the optical area and an edge portion surrounding the intermediate zone such that the thickness of the edge portion is substantially thinner than the maximum lens thickness of the optical area.

The rear lens surface in intermediate zone has curvatures that smoothly bridges curvatures of the rear lens in the optical area and the edge portion.

Thin-Tech® technologies have been covered by [US Patent 8,002,404](#); other patents pending.

Custom-Made with Compensation

High wrap angle, tilt, DBL, BVD... etc. brings prism and prescription errors in as worn position, Thin-Tech® takes into consideration the consumer's prescription and frame parameters to optimize the best visual solution.

Extended Decenter

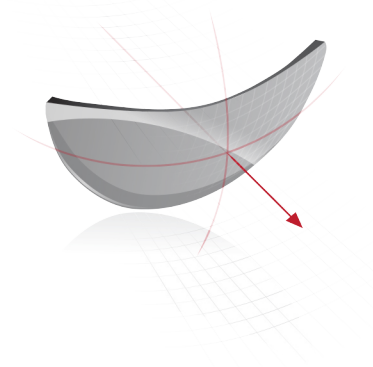
Able to decenter up to 9 mm, no more cut out issues.

Ultra Thin and Light

With Thin-Tech® unique design, it's able to offer a significant reduction of lens center/edge thickness.

The Product

Ultimate Cutting-edge Digital Surfacing Technologies



- ✕ The most advanced on-line calculation engine used to create customized high-base lens design at the backside of lens.
- ✕ Digital Surfacing Technology.
- ✕ Ultimate thin & light lens than conventional
- ✕ Focusing on high bases, applicable to all fashionable, sports, and wrap frames

What does **THIN-TECH®** offer?

- ✕ Total Solution for Rx Lab
- ✕ Widest Supply Range – between +6.00 to -10.00 total power
- ✕ Largest Lens Design – 100 mm diameter effective size
- ✕ Extended Decenter – up to 9mm
- ✕ Ultra Thin – up to 38% / 40% in +4.00 / -6.00
- ✕ Ultra Light – up to 44% / 23% in +4.00 / -6.00
- ✕ Applicable to All Kinds of Lens Material & Product Type
- ✕ Custom-made with Compensation – best vision quality
- ✕ Filling the Need – Rx fashion sunglass, stylish frame, sports frame, safety frame etc...
- ✕ No Contact of Eyelash on High Plus Lens

Introduction

The Past

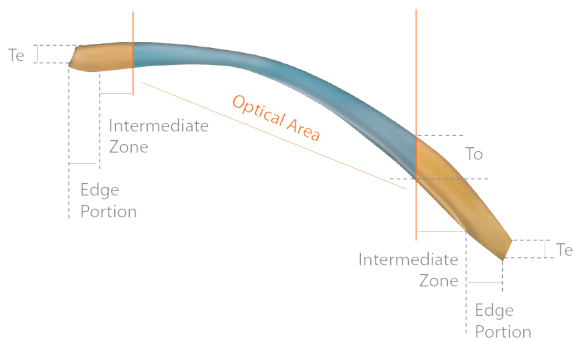
Traditionally, people with eyewear prescriptions have been limited to their choice in sunwear. Higher minus prescription lenses have a thick edge, while plus prescription lenses have a thicker center. Neither is suitable for the unusual shapes of today's sports and fashion sunglasses frames. Not anymore with Thin-Tech® ultimate thin lens design technology.

Now

You can offer your customers any fashionable sunwear frame with virtually any prescription.

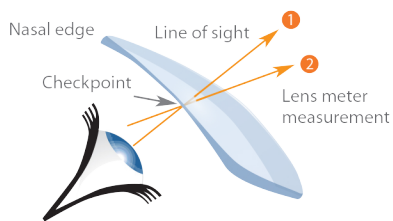


Patented Design



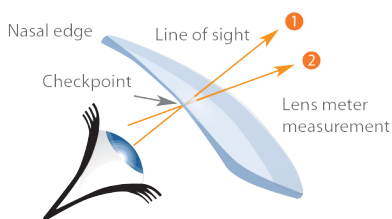
Custom-Made with Compensation

Conventional



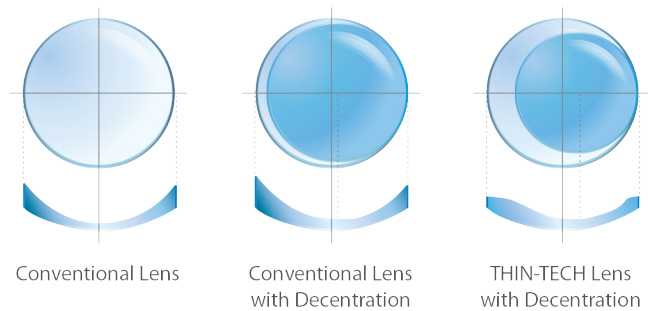
- ① Lens delivers -6.38 -1.19X87, in "as worn" position
- ② Lab surfaces -6.00

Thin-Tech



- ① Lens delivers -6.00, in "as worn" position
- ② Lab surfaces -5.49 -0.39X174

Extended Decenter



Conventional Lens

Conventional Lens with Decentration

THIN-TECH Lens with Decentration

Ultra Thin

Power	Thickness (mm)		
	Conventional Design	Thin-Tech Design	Difference
-10	31.6	8.7	-72%
-8	20.2	8.2	-59%
-6	12.2	7.3	-40%
-4	7.6	5.8	-24%
-2	4.1	3.8	-7%
+4	6.8	4.2	-38%
+6	9.0	4.3	-52%

Note: Base 8, Poly, measured at 80mm lens size

What kind of frames are suitable for **THIN-TECH®** lenses?



Wrap-Around, Fashion Sunglass, and Sports frame

No restriction on sunglass frame selection

(unless it is a one piece goggle lens)

Fantastic New Market

Created by Thin-Tech® lens design software. There are 400 million ophthalmic lens wears need correction eyewear per year. If 10% choose sun Rx in the premium sports/high fashion category, the market potential is 40 million pairs of performance sunwear per year.



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US Patent 8,002,404; Other patents pending.

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