

extremeH2O[®] 54 Toric



Low Cyl and Mid Cyl

LC: The lowest available cylinder: Designed for patients with astigmatism from 0.50D to 1.00D

MC: Designed for patients with astigmatism from 1.00D to 1.50D

Toric stability is a function of design and material

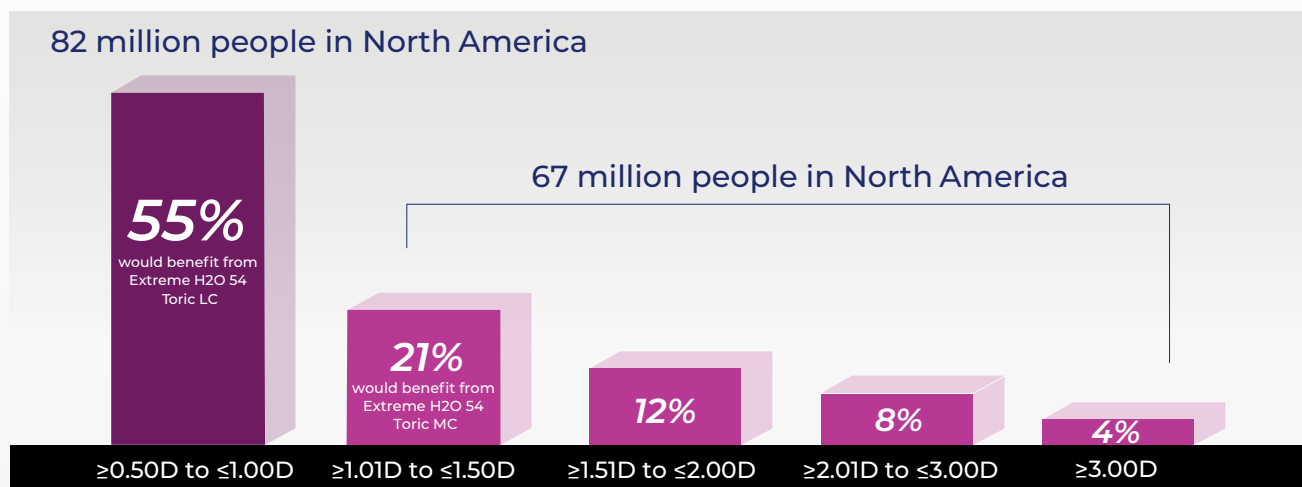
Extreme H2O 54 Toric lenses are made with our advanced breakthrough material in a prism ballast design with a toric back surface. This combination is what enables our toric lenses to perform at a higher level for visual acuity and all-day comfort.

Design Features	Design Benefits
Cast molded	High reproducibility for consistent performance
Prism ballast design	Predicable orientation with minimal rotation
Back surface toric	Rapid stabilization
Tapered edge	Minimal lower lid interaction for outstanding comfort

Material Features	Material Benefits
Biocompatible material - hioxifilcon D made with GMA/HEMA copolymer	Rapid equilibration and sustained on-eye stability
Moisture control formula with advanced hydration properties	Exceptional all-day comfort even for patients who have end-of-day dryness
Dimensionally stable material unaffected by changes in pH or temperature	Crisp, clear visual acuity with excellent low-contrast sensitivity for superior night vision
Group 2, high water, non-ionic material	Resists unhealthy deposits, keeping lenses clear and comfortable the entire wearing cycle

^{1,2} Clinical study conducted by Urs Businger, OD., FAAO, 2/07; data on file

LC provides improved vision for 55% of the astigmatic population MC provides improved vision for 21% of the astigmatic population



Cavara In Duke-Elder S. Abrams D, ed. System of Ophthalmology, Vol 5 1970:280

LC Patient Requirements

- Designed for the 55% of patients with astigmatism from 0.50D to 1.00D.
- More than 90% of patients were fit with the first lens selected.¹
- Patients attained a full line of improvement vs. spherical correction.²
- A cost-effective upgrade from spheres or aspheres for low astigmatic patients.

MC Patient Requirements

- Axis available in 10° increments to meet the more precise axis requirements of a mid-cyl correction.
- Designed for the 21% of patients with astigmatism from 1.00D to 1.50D.
- Combination of stable design and stable material provide exceptional on-eye stability.

Parameters		
Material	Hioxifilcon D with 54% water	
Polymer Type	GMA/HEMA copolymer, group 2, high water, non-ionic	
Handling Tint	Light blue	
O2 Permeability	21 Dk (Fatt units @ 35°C)	
Packaging	Blister pack (6 per box)	
Wear Indication	Daily wear: Monthly replacement suggested	
Diameter/Center Thickness	14.2 mm / 0.145 @ -3.00 mm (varies with power)	
Base Curve	Median 8.6 mm	
	LC (low cyl)	MC (mid cyl)
Sphere Power	-0.25 to -6.00 & Pl to +4.00	-0.25 to -6.00 & Pl to +4.00
Cylinder Power	-0.65D	-1.25D
Axis	15°, 75°, 90°, 105°, 165°, 180°	10°, 20°, 80°, 90°, 100°, 160° 170°, 180°

20° 6 o'clock 20°
Scribe Marks