

Augen High Definition Lenses

PRODUCT

MATERIALS

AUGEN HD SINGLE VISION	
Augen HD SV Aspheric	Trivex®, Trivex Transitions®, Hard Resin 1.50, AugenSOL™ 1.50 Photochromic, 1.56 Index
Augen HD SV Double Aspheric	Trivex®, Trivex Transitions®, Hard Resin 1.50, AugenSOL™ 1.50 Photochromic
Augen HD SV Finished (Aspheric/Double Aspheric)	Trivex®
Augen SV Spherical	Trivex®, Hard Resin 1.50
Augen 1.0 SV Spherical	Trivex®, AugenSOL™ 1.50 Photochromic, 1.67 MR-10 High Index, Hard Resin 1.50
Augen SV Finished (Spherical design)	AugenSOL™ 1.50 Photochromic, Hard Resin 1.50
AUGEN TRINITY® PROGRESSIVES	
Trinity 13/17 Progressive	Trivex®, Trivex Transitions®, Hard Resin 1.50, AugenSOL™ 1.50 Photochromic, 1.56 Index
Trinity 8/12 Short Progressive	Trivex®, Trivex Transitions®, Hard Resin 1.50
Trinity Spacia™	Trivex®
AUGEN FLAT TOPS	
Augen Flat Top 28mm	Trivex®, Trivex Transitions®, AugenSOL™ 1.50 Photochromic, 1.56 Index
Augen Flat Top 28 Finished	AugenSOL™ 1.50 Photochromic, Hard Resin 1.50
NXT®	
NXT Single Vision Fixed Tints - Brown, Grey, Green	Trivex®
NXT Single Vision Photochromic - Brown, Grey, Cooper, Day-Night	Trivex®
NXT Single Vision Mirror Tints - Silver, Gold	Trivex®
NXT Single Vision Polarized - Grey, Brown	Trivex®
NXT Single Vision Polarized Photochromic -Grey Brown	Trivex®

Contact Augen Optics Today.  
866.284.3611 AugenOptics.com

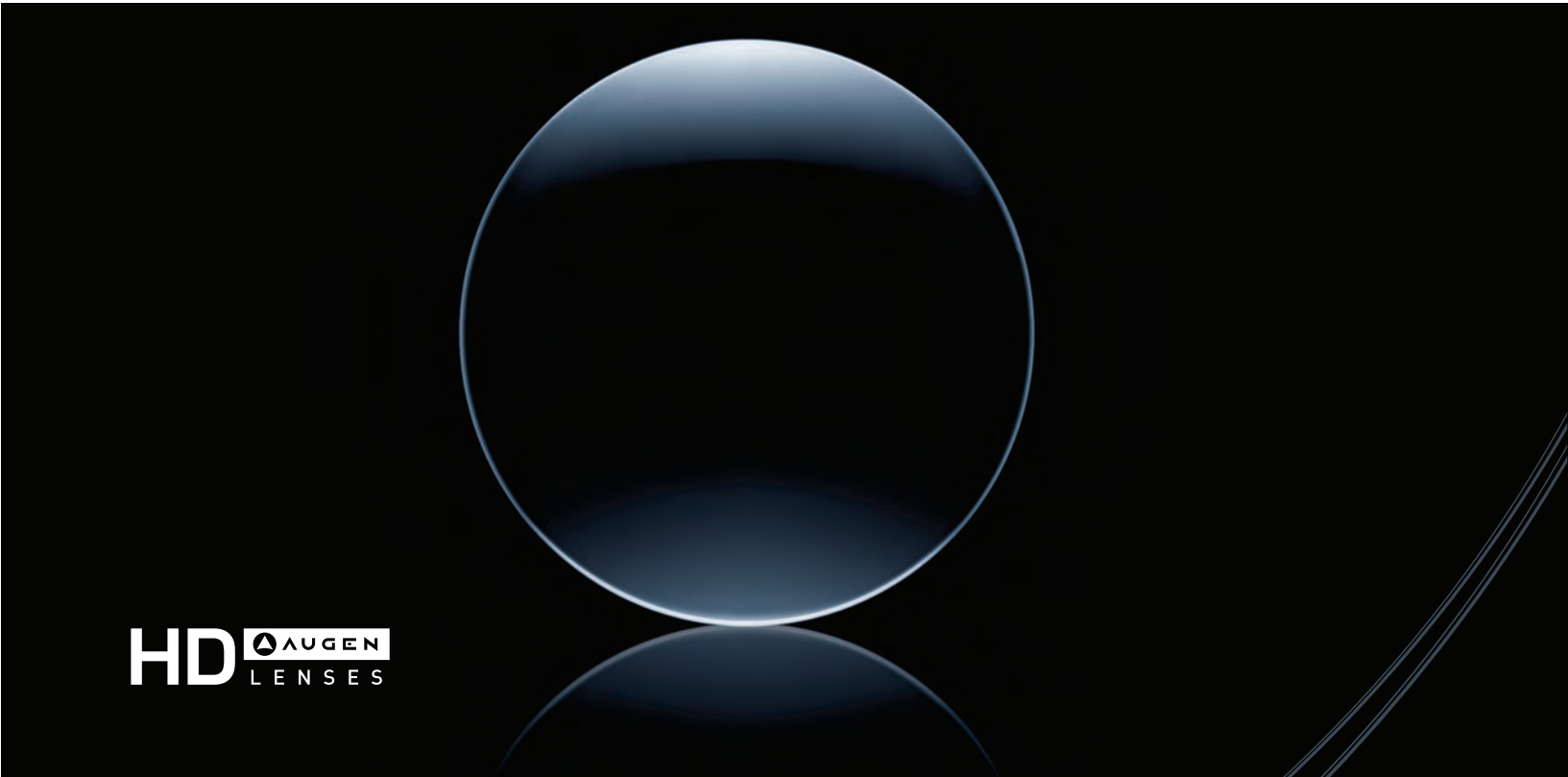
Augen High Definition Lenses and Trinity are registered trademarks and AugenSOL is a trademark of Augen Optics. Trivex is a registered trademark of PPG Industries. Transitions is a registered trademark of Transitions Optical, Inc. NXT is a registered trademark of Intercast Europe, S.r.l. OMK11131.01



Augen High Definition Lenses®

Single Vision Series

HD ASPHERIC /  
DOUBLE ASPHERIC SINGLE VISION



Introducing Augen HD Single Vision Lenses, the patented double aspheric design that provides wide, clear, natural vision – regardless of prescription.



HD Aspheric / Double Aspheric Single Vision

A New Approach to Aspheric Design

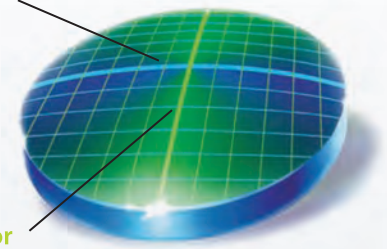
Augen High Definition Single Vision Lenses extend the benefits of asphericity to low and medium prescriptions while enhancing higher single vision Rx's.

Using advanced, patented aspheric design technology, Augen HD Single Vision Lenses are aspherized along two meridians, compensating for both sphere and cylinder powers to provide increased clarity in all viewing directions.

- Aspheric lens optimized for Rx's with no or low cylinder (up to -0.50D cyl)
- Double Aspheric lens optimized for Rx's with high cylinder (from -0.75D cyl)
- No need to specify – the appropriate lens is determined by patient Rx

Aspherized for Sphere power

Aspherized for Cylinder power



Better Vision & Comfort for Every Prescription

The unique aspheric design of Augen HD Single Vision Lenses provides flatter curves for all prescriptions, resulting in thinner, lighter lenses with impressive clarity across prescriptions.

Feature	Benefit
Flatter base curves across Rx's	Sharp, clear vision from edge-to-edge Virtually no distortion in the lens periphery Wide field of natural vision
Thinner, flatter lenses, especially in higher Rx's	More attractive lenses with less magnification of the eye through the lens
Lighter weight lenses	More comfortable eyewear for all-day wear

Delivering True High Definition Performance

What creates the characteristics of improved clarity and widescreen vision in a “high definition” lens? It’s the quality of the lens design itself – in combination with the material.

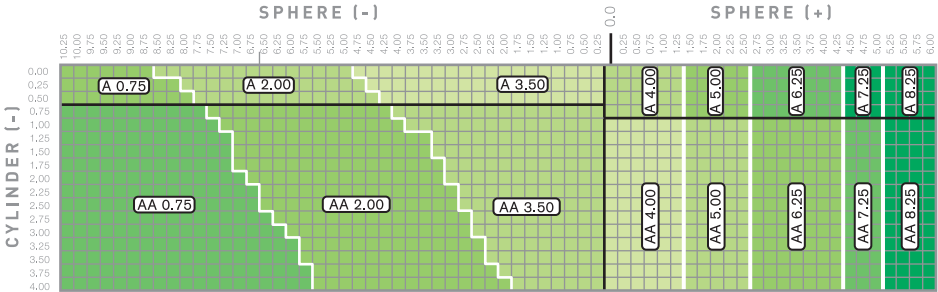
Our patented aspheric front surface designs are created from molds produced with our proprietary free-form process, ensuring each lens delivers the exact high definition characteristics and quality intended by our design team. The designs are then applied to advanced material substrates like Trivex® to ensure maximum clarity and light transmittance.

This combination delivers wider, clearer, more natural vision – qualities that cannot be provided by a “high definition” lens with an average design, or in an optically impure material.



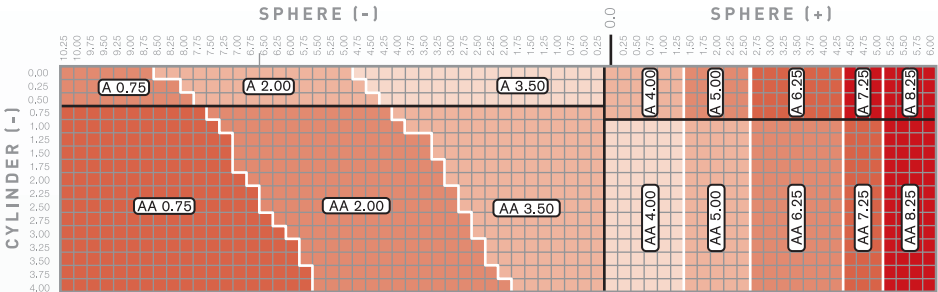
Base Curve Selection Charts

Trivex®



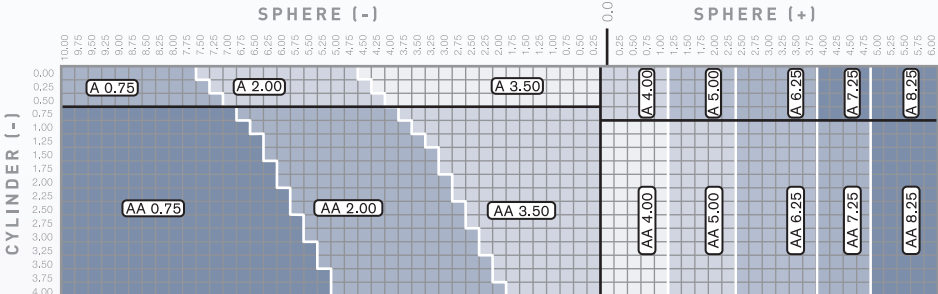
Induced aberrations are less than 0.12 D inside the above table range of vision. Choose the same base for both eyes. Always toward the center line. UV Filter.

Trivex Transitions®



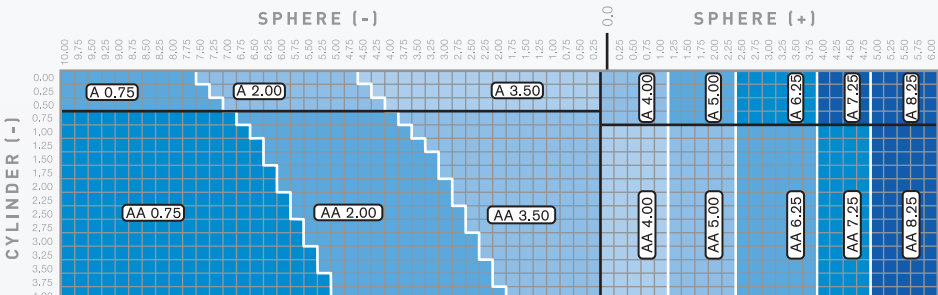
Induced aberrations are less than 0.12 D inside the above table range of vision. Choose the same base for both eyes. Always toward the center line. UV Filter.

AugenSOL™ 1.50 Photochromic



Bases are designed to have less than 0.12 D of induced aberration in all of the above Rx's. Choose the same base for both eyes, always toward the center line.

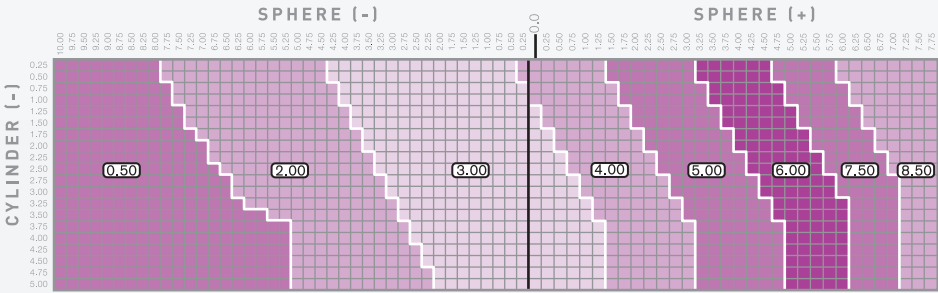
Hard Resin 1.50



Induced aberrations are less than 0.12 D inside the above table range of vision. Choose the same base for both eyes. Always toward the center line. UV Filter.

1.56 Index

HD S.V. Aspheric S.F.



Choose the same base for both eyes. Always toward the center line. UV Filter.