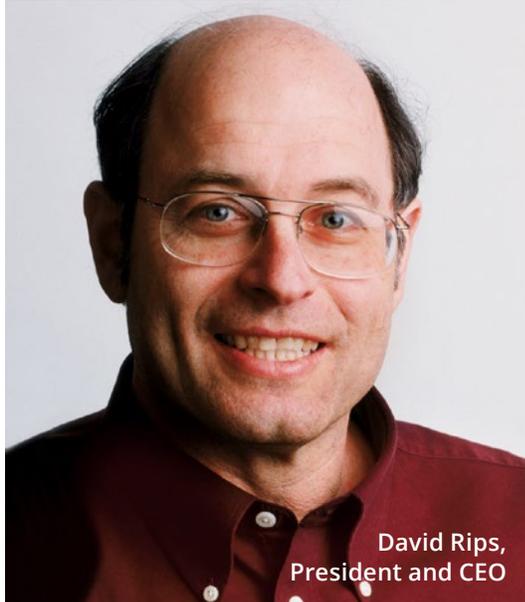


# LENS AVAILABILITY

## Quick Reference Guide

# YOUNGER OPTICS

## Optical Lens Innovators



### *The Easiest Company To Do Business With*

For more than 60 years, Younger Optics has remained a leader in the optical industry by developing new and innovative lens solutions. As you'll see in this booklet, Younger provides a wide array of lens options, materials and treatments to meet virtually every eyewear need, from the latest in polarized and photochromic, to specialty occupational lenses.

From humble beginnings, Younger has grown into the world's largest independent lens company. What sets us apart is that Younger does not operate at the wholesale laboratory or retail level, because our policy is to never compete with our customers. This is rare in this era of rapid change for our industry. But it means that our success only is possible by making our customers successful. Therefore, our goal is always to be *the easiest company to do business with*.

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**Pages highlighted in blue contain product availability tables.**



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Hindmarsh, SA 5007, Australia

**Europe:** Komerční Zona Pruhonice, Obchodní 110,  
Čestlice 25170, Czech Republic

**Brazil:** Rua Alfredo Achcar, 970D, Prédio 10  
Bairro Nova Vinhedo – CEP 13280-000  
Vinhedo/SP – CNPJ: 15.069.973/0001-54

[www.youngeroptics.com](http://www.youngeroptics.com)

# FOLLOW US on Social Media!

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[facebook.com/YoungerOptics](https://facebook.com/YoungerOptics)

Follow Younger Optics on Facebook for the latest information on lens releases, including events and special offers for eyecare professionals.



[facebook.com/DavidRipsCEO](https://facebook.com/DavidRipsCEO)

Follow our President & CEO, David Rips on Facebook for professional discussion and ideas from a leading independent voice in the optical industry.



[linkedin.com/in/DavidRipsCEO](https://linkedin.com/in/DavidRipsCEO)

Connect with and follow David Rips on LinkedIn to build a professional relationship with an influential industry veteran!



[twitter.com/Younger\\_Optics](https://twitter.com/Younger_Optics)

Follow Younger Optics on Twitter for quick dispatches from the both the company and David Rips.



[instagram.com/DavidRipsCEO](https://instagram.com/DavidRipsCEO)

Follow David Rips on Instagram for current and historical photos from his lifetime of lens manufacturing!

# NUPOLAR® POLARIZED LENSES

Not all polarized lenses are the same. There is a good reason why NuPolar is the world's #1 Rx polarized lens.

*As polarized lenses gain in popularity and are being offered by an increasing number of lens manufacturers, it is easy to begin to think that all of these lenses are manufactured the same, and are of equal quality and similar performance. This is certainly not true.*

*NuPolar® is the world's leading brand of polarized Rx lenses. When performance factors such as optics, polarizing efficiency, color consistency, heat stability and many other factors are taken into consideration, NuPolar quality is unequalled. We worry about the small details of our lenses so that you don't have to. With NuPolar lenses you can always be sure of receiving the most advanced and intelligently designed lens available.*

## NuPolar is Perfect for Digital Surfacing

Excellent digital surfacing capabilities start with having excellent curve control and optics on the front surface of the lens. This curve control can only be achieved through rigorous adherence to manufacturing standards throughout the manufacturing process. The precision of the front curve of a lens is a result of the care given to it by the manufacturer. NuPolar products are designed specifically to be highly compatible with digital surfacing processes. The number of base curves in one-diopter steps is maximized to give as thin and flat a finished lens as possible.

## Proprietary Film Technology

Younger is one of the few lens manufacturers that has film manufacturing capabilities. This has allowed us to achieve unrivaled excellence in the areas of film placement, color stability, heat stability, and advanced film adhesion. Creating a great polarized lens starts with great polarizing film technology, and here NuPolar is unrivaled.

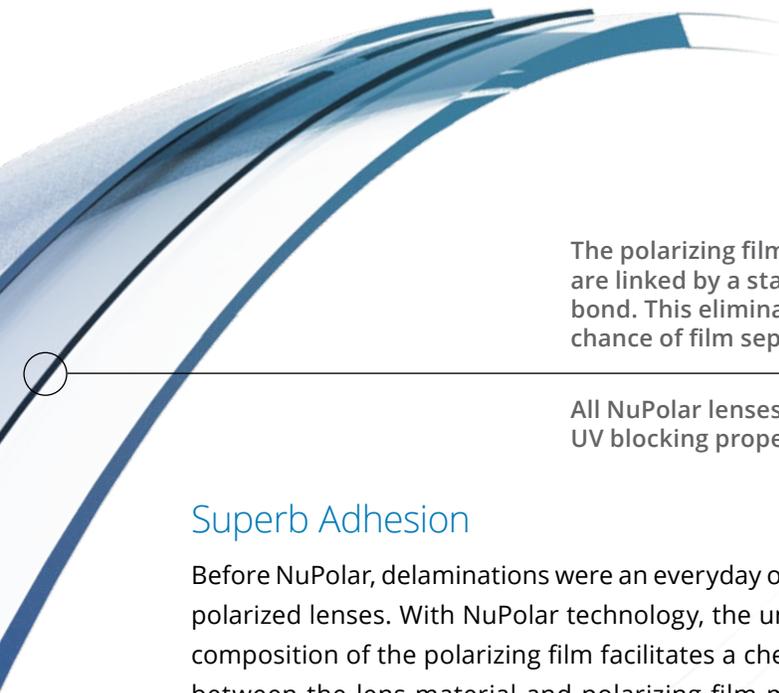
## Excellent Color Uniformity

Younger colors are always "true colors". The human eye is a superb "color matching instrument" and NuPolar lenses are the best product on the market to satisfy these demanding requirements.

## Excellent Heat Stability

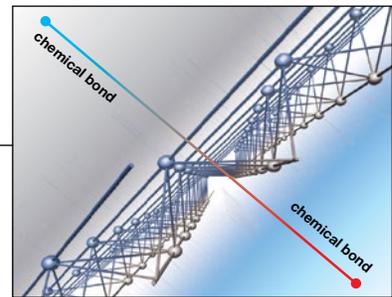
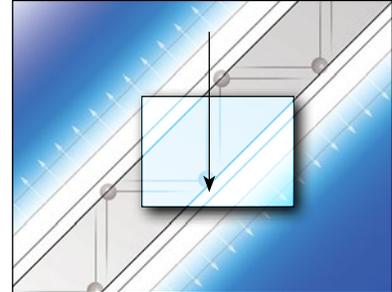
NuPolar's colors remain stable in the elevated temperatures often required for hard coating and AR processing. Other lenses often fade, lose efficiency or change their colors completely when subjected to the temperatures required during these processing steps.





The polarizing film and the lens are linked by a stable chemical bond. This eliminates any chance of film separation.

All NuPolar lenses have excellent UV blocking properties.



## Superb Adhesion

Before NuPolar, delaminations were an everyday occurrence with polarized lenses. With NuPolar technology, the unique chemical composition of the polarizing film facilitates a chemical reaction between the lens material and polarizing film material, which eliminates the possibility for lens/film delaminations.

## Wide Availability

With a wide range of materials, colors, and styles, NuPolar lenses consistently have the availability you need (including extra large blanks), making it easy to recommend the world's #1 Rx polarized lens to practically every patient. NuPolar lenses are made in more progressive styles than any other polarized lens.

Without NuPolar lenses



With NuPolar lenses



## Embrace the Opportunity.

Every corrective lens wearer should have at least two pairs of glasses: one with clear or photochromic lenses for indoor and low light conditions, and one with polarized lenses for bright light conditions.

The benefits of sunwear are undisputed, but your patient relies on you for adequate information to choose the right pair.

When you recommend NuPolar lenses, you are recommending the world's most trusted Rx polarized lenses.

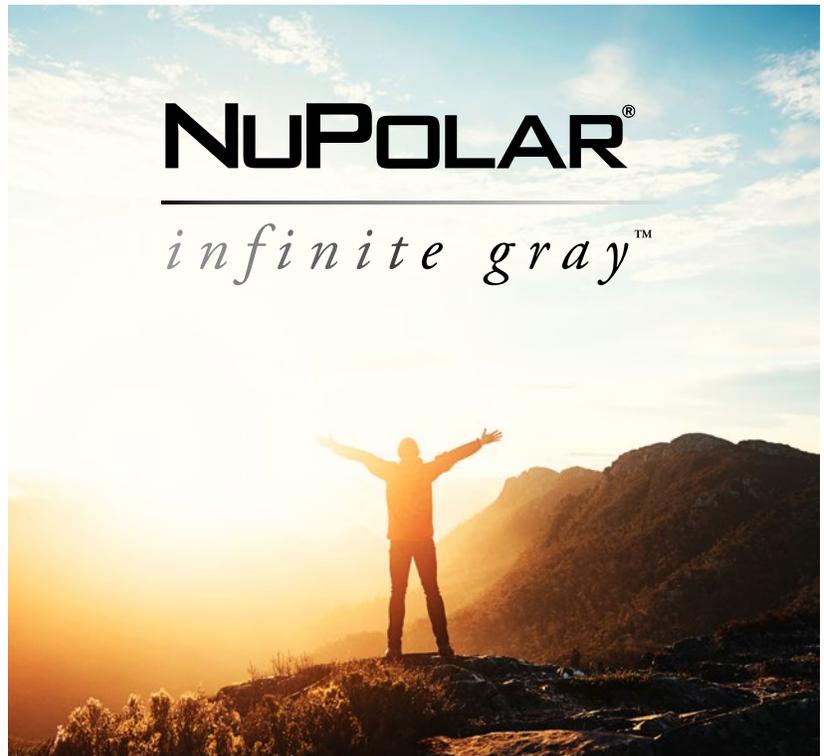
# NUPOLAR® INFINITE GRAY™

## Introducing the world's most versatile Rx polarized lens

*Polarized lenses offer prescription lens wearers outstanding vision in most outdoor sunlight conditions. However, some wearers find that their polarized lenses can be too dark or too light in certain circumstances, whether due to sun position or cloud cover.*

*Now you can offer patients polarized lenses that **seamlessly adjust their darkness according to sun exposure**, so they are light when they need to be, and dark when the wearer needs it most.*

*The darkness of the lenses is controlled with a new UV-responsive photochromic technology that offers the widest range of light absorption of any polarized photochromic lens.*



- Transmission:* ~35% (lightest state) to ~9% (darkest state)
- NuPolar Quality:* high efficiency polarization, color & heat stable
- Polycarbonate:* excellent impact resistance
- Single vision Rx range:* -9.50D to +6.00D
- Processing:* Traditional or Digital
- Color:* Infinite Gray™
- 9 Base curves:* 0.5, 1, 2, 3, 4, 5, 6, 7, 8
- Polarized:* Blocks blinding glare
- UVA/UVB:* Blocks 100%
- Blue Light:* Blocks ≥ 80% high energy blue light (380-500nm).\*

# NUPOLAR® GRADIENT

## Rx Polarized Gradient Lenses WITHOUT Lab Tinting!

### Why NuPolar Gradient?

*No tinting necessary:* consistent matching and faster lab turnaround

*New Encapsulated Gradient Technology:* won't fade or discolor

*NuPolar Quality:* high efficiency polarization, color & heat stable

*Polycarbonate:* excellent impact resistance

*Single vision Rx range:* -5.00 to +6.00

*Processing:* Traditional or Digital

*Now in 3 Colors:* Gray/Gray, Brown/Gray, Brown/Brown

*3 Base curves:* 4, 6, 8

*Polarized:* Blocks blinding glare

*UVA/UVB:* Blocks 100%

*Blue Light:* Blocks  $\geq 80\%$  high energy blue light (380-500nm).\*



GRAY/GRAY



BROWN/GRAY



BROWN/BROWN

### Good to know:

*NuPolar Gradient "Brown/Gray" lenses are dark brown on top and light gray on bottom.*

*NuPolar Gradient "Brown/Brown" lenses are dark brown on top and light brown on bottom.*

*Brown/Brown blocks highest % of high energy blue light.*

Ordinary gradient lenses are tinted on the surface using a painstaking process that can sometimes provide undesirable or inconsistent results. NuPolar Gradient lenses are different, because the gradient is encapsulated in the lens with the polarizing film. This patented Encapsulated Gradient Technology prevents fading and discoloration of the lens over time. It also completely removes the need to surface tint the lens, meaning consistent matching every time. And of course, NuPolar Gradient polarized lenses block blinding glare and 100% UVA/UVB. For more information on NuPolar Gradient polarized lenses, please visit **NuPolarGradient.com**.



US Patent 8651660 B2

\* Measured according to ISO 8980-3: 2013 and ISO 12311:2013 Blue light hazard function calculations.

# NUPOLAR® MIRRORS

## NEW MIRRORCOAT OPTIONS

*Do your patients want their on-trend mirror-coated polarized lenses faster?*

Ask your lab about rapid-turnaround NuPolar® Mirror lenses available in hard resin in three popular colors:



**NuPolar MIRROR Silver**   
 Dark gray Rx polarized lenses with silver mirrorcoat



**NuPolar MIRROR Blue**   
 Dark gray Rx polarized lenses with blue mirrorcoat



**NuPolar MIRROR Gold**   
 Dark brown Rx polarized lenses with gold mirrorcoat

*Polarized:* Blocks blinding glare

*UVA/UVB:* Blocks 100%

*Blue Light:* Blocks ≥ 80% high energy blue light (380-500nm).\*

*NuPolar Quality:* high efficiency polarization, color & heat stable

*Hard Resin Base Curves:* 2, 3, 4, 5, 6, 7, 8

*Hard Resin SV Rx range:* -7.00 D to +5.00 D

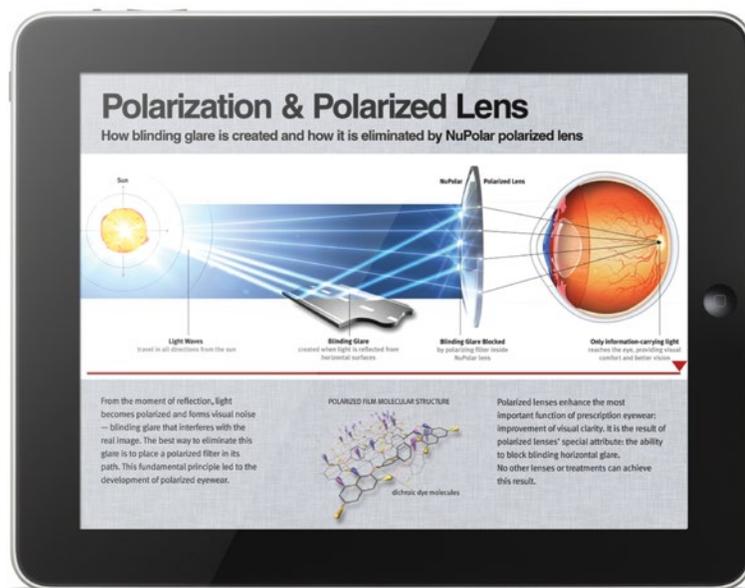
*Processing:* Traditional or Digital

*Colors:* NuPolar Mirror Silver, NuPolar Mirror Blue, and NuPolar Mirror Gold

# Supporting Tool for PATIENT EDUCATION

## NuPolar: The industry's first polarized lens app.

*The NuPolar app, free for iPad and Android tablet users, makes learning and talking about polarized lenses interesting and exciting for both ECPs and patients. ECPs may use this high-tech tool to engage patients in a discussion about the unique benefits of polarized Rx sunwear. The app includes brilliant images, computer graphics and narrated video to help the patient understand both polarized sunlight and polarized lenses. "Almost every patient is a good candidate for polarized Rx lenses," says David Rips, president and CEO of Younger Optics, "but getting a patient to understand how polarized lenses help them see better can be complicated. This NuPolar app can make that conversation easier and more engaging. ECPs will enjoy having all that information at their fingertips."*



Free NuPolar app available for iPad and Android tablets.



Eyecare professionals and patients may use the NuPolar app to:

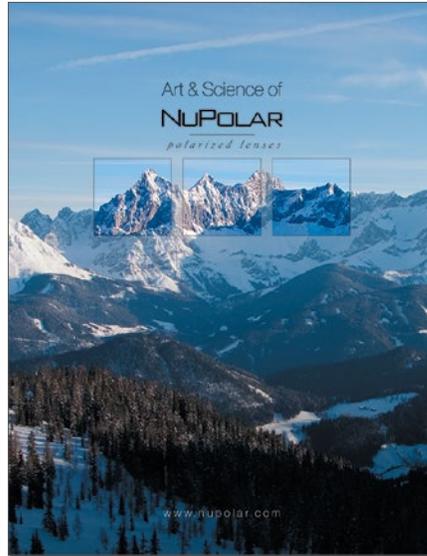
- See a video which explains how polarized light is created, and how NuPolar lenses block blinding glare
- See real-life situations in which NuPolar lenses improve vision by blocking glare
- Learn the history of polarized lens technology
- See the availability of NuPolar lens materials, and learn the benefits of each material
- See the availability of NuPolar lens colors for each style and material
- Learn what makes the NuPolar lens different from other polarized lenses on the market
- Learn about the advantages of NuPolar lenses' unique film placement and construction

# Educational & Marketing MATERIALS

## Education made simple

Like all value-added features, polarized lenses require a bit of consumer education. Younger Optics is committed to providing the eye-care professional with a wide range of marketing materials that make this task simple.

*For a complete list of available NuPolar resources, please visit [YoungerOptics.com/Marketing](http://YoungerOptics.com/Marketing)*



The Art & Science of NuPolar Booklet



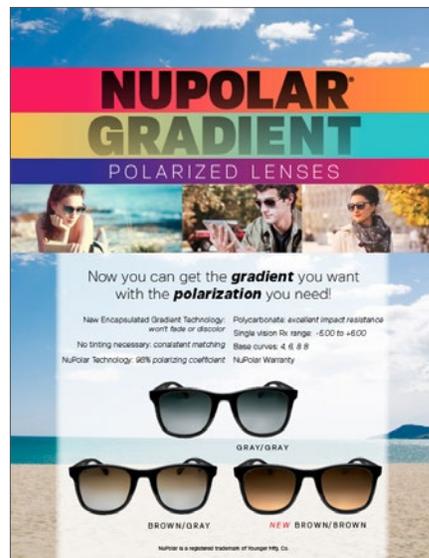
NuPolar Patient Brochure



NuPolar Look Polarized Glare Card



NuPolar Lighted Glare Demonstrator



NuPolar Gradient Dispensing Counter Card

NuPolar Glare Demonstrator



*To request materials, contact [marketing@youngeroptics.com](mailto:marketing@youngeroptics.com).*

# NuPolar® AVAILABILITY

<b>NUPOLAR®</b>	Hard Resin	Poly	Trilogy®	1.60 Hi-Index (MR-8™)	1.67 Hi-Index (MR-10™)
Single Vision Colors Base Curves	 1, 2, 3, 4, 5, 6, 7, 8	 0.5, 1, 2, 3, 4, 5, 6, 7, 8	 2, 4, 6, 8	 1, 2, 3, 4, 5, 6, 7, 8	 1, 2, 3, 4, 5, 6, 7, 8
	 2, 4, 6, 8	 0.5, 2, 4, 6, 8			
		 4, 6, 8			
Single Vision Extra Large Blank (80.5mm!) Colors Base Curves	 4, 6, 8	 6, 8	/	/	 4, 6, 8
Camber™ Lens Blank Colors Base Curves	 0.5, 2, 3, 4, 5, 6, 7, 8	 0.5, 2, 3, 4, 5, 6, 7, 8	/	 0.5, 2, 3, 4, 5, 6, 7, 8	 0.5, 2, 3, 4, 5, 6, 7, 8
IMAGE® Progressive Colors Base Curves Add Range	 2, 4, 6, 8 1.00 - 3.00	 2, 4, 6, 8 1.00 - 3.00	<p>Colors:</p> <ul style="list-style-type: none"> <li> Gray-3 (Gray)</li> <li> Brown</li> <li> Green</li> <li> Copper</li> <li> Gray-1</li> <li> Gradient Gray/Gray</li> <li> Gradient Brown/Gray</li> <li> Gradient Brown/Brown</li> <li> Infinite Gray™ <b>(NEW)</b></li> <li> Mirror Silver*</li> <li> Mirror Blue*</li> <li> Mirror Gold*</li> </ul> <p>*See page 8 for materials and base curves.</p>		
IMAGE Wrap® Color Base Add Range	/	 8 1.00 - 3.00			
ADAGE® Progressive Colors Base Curves Add Range	/	 2, 4, 6, 8 1.00 - 3.00			
FT28 Bifocal Colors Base Curves Add Range	 2, 4, 6, 8 0.75 - 4.00	 2, 4, 6, 8 1.00 - 3.00			
FT35 Bifocal Color Base Curves Add Range	 2, 4, 6, 8 0.75 - 4.00				
7 x 28 Trifocal Color Base Curves Add Range	 4, 6, 8 1.50 - 4.00				
Finished Plano Colors Base Curve	  6	/	 6		

For complete Rx ranges & tech specs, see [youngeroptics.com/availability](http://youngeroptics.com/availability).

# TRANSITIONS® DRIVEWEAR®

Polarized & Adaptive:

## The Ultimate Driving Lens

*Transitions Drivewear adaptive sun lenses were designed to meet the unique visual challenges of daytime driving.*

**High-efficiency polarizer blocks blinding glare** both outdoors and behind the windshield, for a safer and more comfortable drive.

**Lens color and darkness continuously adapts** to optimize color contrast in changing daylight conditions, even behind the windshield.

*Transitions Drivewear sun lenses block 100% of UVA and UVB, and are the only lenses that combine NuPolar polarizing technology and Transitions photochromic technology.*

## OVERCAST

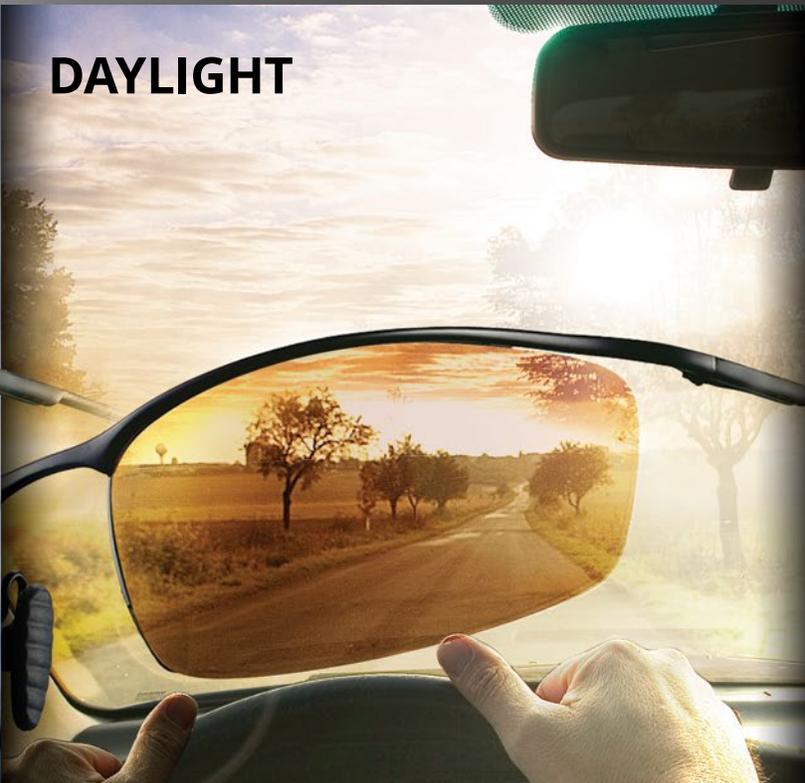


Low Daylight Conditions  
Olive Green

**In low daylight, the lenses allow high transmission of light to maximize the total information to all the eye's visual receptors.**

This results in maximum visual acuity at this lower lighting level. The high contrast polarizer removes glare that would otherwise destroy vision in low light conditions. Wearers have said there are no better lenses for driving under overcast and low-daylight conditions.

## DAYLIGHT



Behind the Windshield  
Copper

Behind the windshield of a car, Transitions Drivewear sun lenses darken to copper. **In this stage, the lenses reduce light intensity and block blinding glare for optimum visual acuity.**

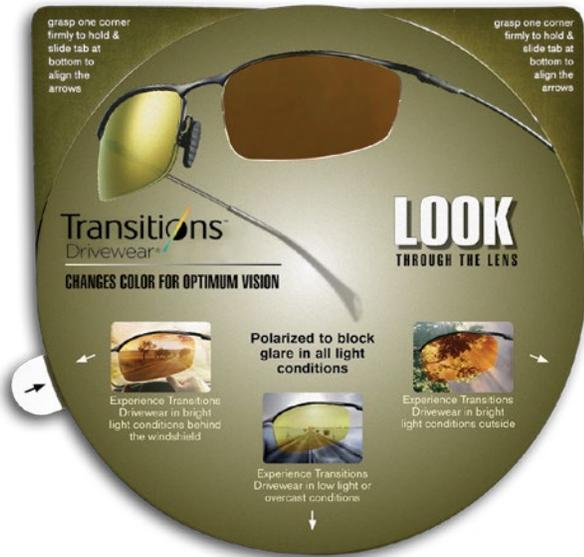
## BRIGHT LIGHT



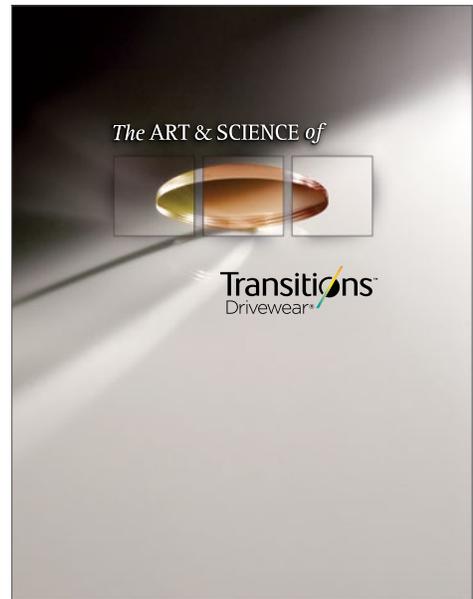
Outside in the Sun  
Brown

Outside in bright sunlight, the eyes' visual receptors, the rods and cones, can easily get "oversaturated" with light. **In bright direct sunlight, Transitions Drivewear sun lenses achieve their maximum dark color, which is designed for maximum filtration of uncomfortable bright light.** This means Transitions Drivewear sun lenses are great sunwear lenses for any outdoor activity.

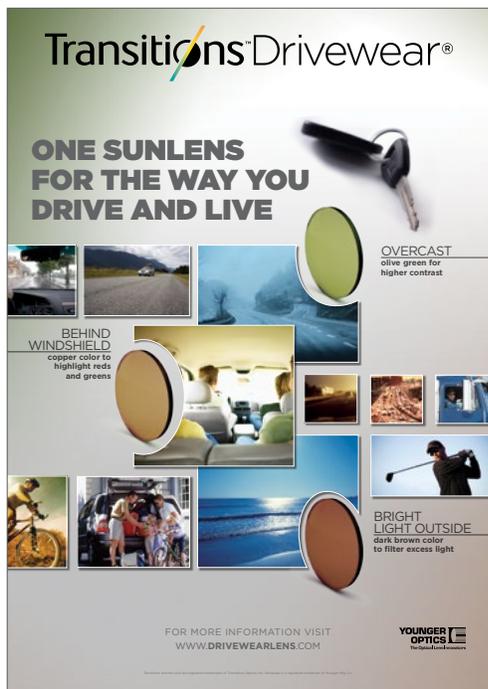
# Educational & Marketing MATERIALS



Transitions Drivewear Polarized Demo Wheel



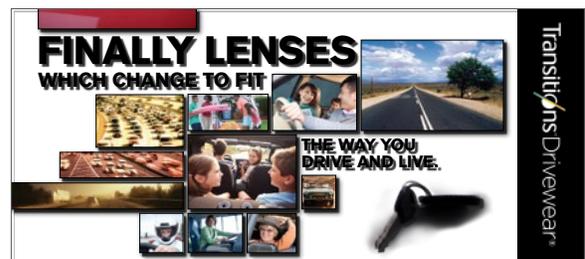
The Art & Science of Transitions Drivewear Booklet



Poster, approx. 23" x 33"



Lenticular Display Card, 5" x 7" (image changes when viewed at different angles)



Transitions Drivewear Patient Brochure

To request materials, contact [marketing@youngeroptics.com](mailto:marketing@youngeroptics.com).

# Transitions® Drivewear® AVAILABILITY

Transitions™ Drivewear®	Hard Resin	Poly	Trilogy®
Single Vision Base Curves	1, 2, 3, 4, 5, 6, 7, 8	2, 4, 6, 8	2, 4, 6, 8
Camber™ Lens Blank Base Curves		0.5, 2, 3, 4, 5, 6, 7, 8	
IMAGE® Progressive Base Curves <i>Add Range</i>	2, 4, 6, 8 1.00 - 3.00	2, 4, 6, 8 1.00 - 3.00	
FT28 Bifocal Base Curves <i>Add Range</i>	2, 4, 6, 8 1.00 - 3.00		
Finished Plano Base Curve			6 <i>w/backside AR</i>

For complete Rx ranges & tech specs, see [youngeroptics.com/availability](http://youngeroptics.com/availability).



# CAMBER™ LENS TECHNOLOGY

## What is Camber Technology?

*Camber Technology combines complex curves on both surfaces of the lens to provide excellent vision correction. The unique, continuously changing surface curvature of the specially designed lens blank allows expanded reading zones with improved peripheral vision.*

*When combined with a sophisticated back surface digital design, both surfaces work together to accommodate an expanded Rx range, offer better cosmetics (flatter) for many prescriptions, and yield user-preferred near vision performance.*

### Ideal Base Curve

When the power of a lens is paired with its ideal base curve, the wearer enjoys clearer vision, with minimal oblique astigmatism. For a progressive lens, the distance zone power calls for a flatter base curve, while the near zone power calls for a steeper base curve. However, most digitally surfaced progressive lenses are processed from a single vision lens blank. This means the various powers must share a single base curve, one that may not be ideal for the near zone.

### Front Surface Innovation

The Camber lens offers an elegant solution that represents the next step in digital progressive lens technology. The Camber lens blank features a variable base curve — a new front surface innovation that provides the optically ideal base curve in all viewing zones.

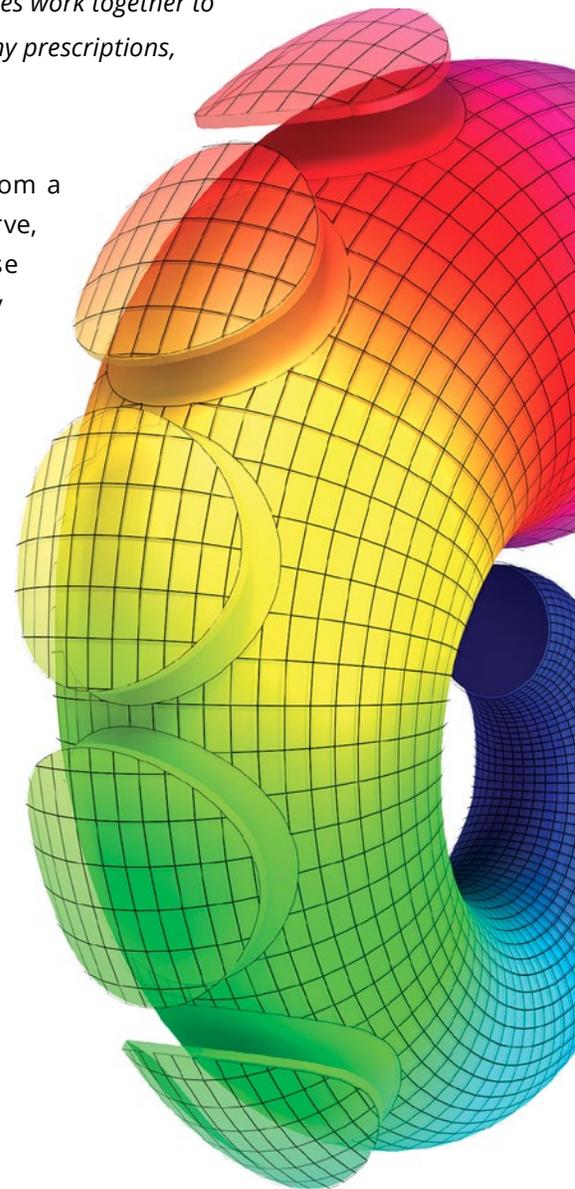
Each Camber lens blank comes from a section of the “Elephant’s Trunk” curve, creating a unique variable base curve front surface that continually increases in diopter from top to bottom. **[Figure A]**

This improved front surface profile gives each viewing zone a base curve that is well-suited to its function.

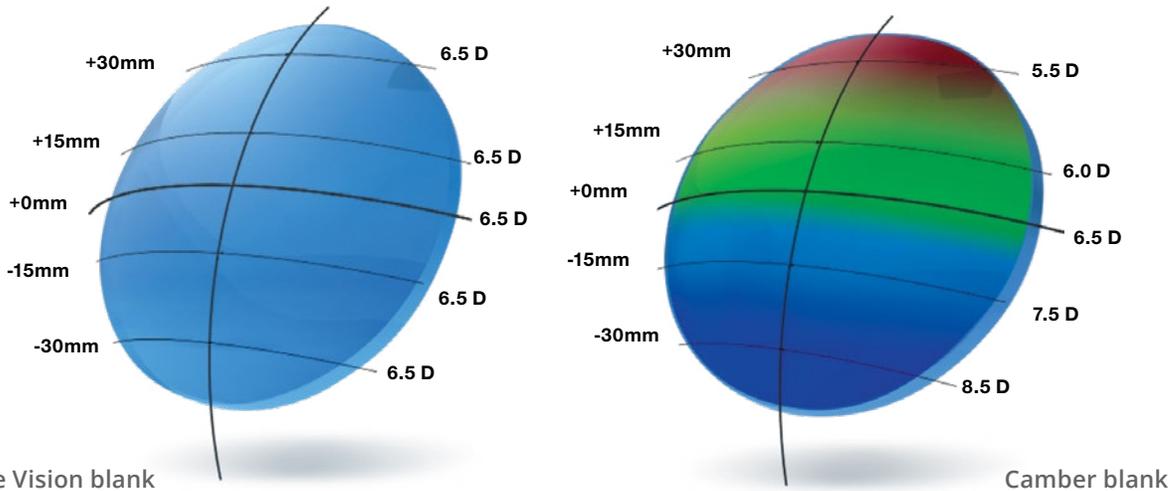
### Compare Front Surfaces

A digital progressive lens processed from a single vision lens blank has one base curve from top to bottom. The Camber lens blank has a unique, continuously increasing base curve, ideal for the increasing power profile of digital progressive lenses. **[Figure B]**

With this innovative design, wearers enjoy noticeably increased acuity in the periphery of the distance zone, as well as a reading area that is more comfortable and easier to find with the eye.

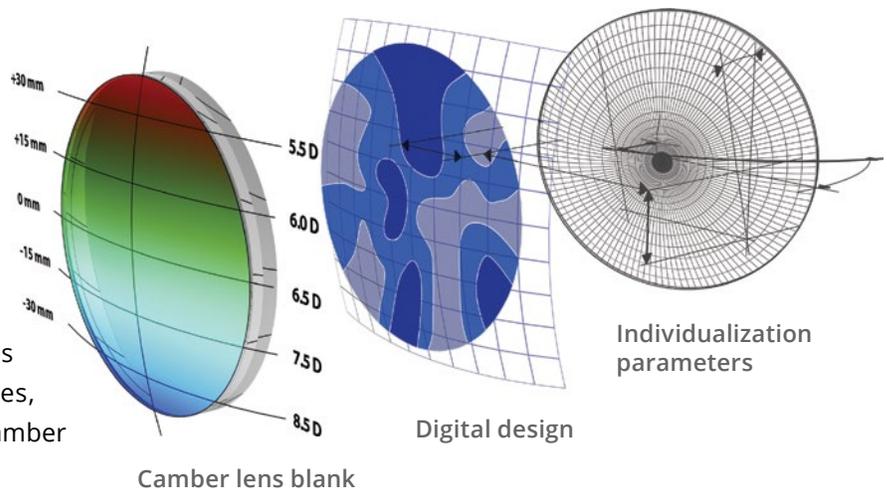


**Figure A:**  
Elephant's Trunk Curve

**Figure B: Compare Front Surfaces**


## Merging Complex Curves

When the unique front surface is combined with a sophisticated backside digital design, both surfaces work together to become the patented Camber finished lens. The design may be further enhanced by a set of individualization parameters, such as unique attributes of the frame and wearer preferences, to comprehensively customize the Camber lens for each individual wearer.



## Compensation vs. Personalization

Digital lens design gives optical designers a lot of power to create lenses that are customized to each patient. But when a progressive lens is made from a single vision lens blank, the uniform front curve creates optical problems that lens designers must digitally correct. Rather than focusing every design decision on achieving a fully personalized lens, some of the design power must go toward “compensation correction.”

Camber’s new variable base curve technology reduces the need for compensation correction, allowing more digital design power to be used to refine and customize the design for each individual eye.

# Educational & Marketing MATERIALS



The Art & Science of Camber Booklet

Camber Patient Brochure

Camber Flyer

For more information about Camber lenses, visit [camberlens.com](http://camberlens.com).  
To request materials, contact [marketing@youngeroptics.com](mailto:marketing@youngeroptics.com).

# Camber™ AVAILABILITY

	Hard Resin	Poly	Trilogy®	1.60 Hi-Index (MR-8™)	1.67 Hi-Index (MR-10™)	1.74 Hi-Index (MR-174™)
<b>Camber™ Clear</b> Base Curves	Ⓒ 0.5, 2, 3, 4, 5, 6, 7, 8					
<b>Camber Transitions Signature®</b> Colors Base Curves	Ⓓ Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8	Ⓓ Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8	Ⓓ Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8	Ⓓ Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8	Ⓓ Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8	Ⓓ Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8
<b>Camber Transitions® Drivewear®</b> Color Base Curves		Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8				
<b>Camber NuPolar®</b> Colors Base Curves	Ⓓ Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8	Ⓓ Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8		Ⓓ Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8	Ⓓ Ⓓ 0.5, 2, 3, 4, 5, 6, 7, 8	

## Colors:

- Ⓒ Clear
- Ⓓ Transitions Signature Gray
- Ⓓ Transitions Signature Brown
- Ⓓ Transitions Drivewear\*
- Ⓓ NuPolar Gray-3 (Gray)
- Ⓓ NuPolar Brown

\* Transitions Drivewear lens color is dependent on lighting conditions.

# IMAGE®

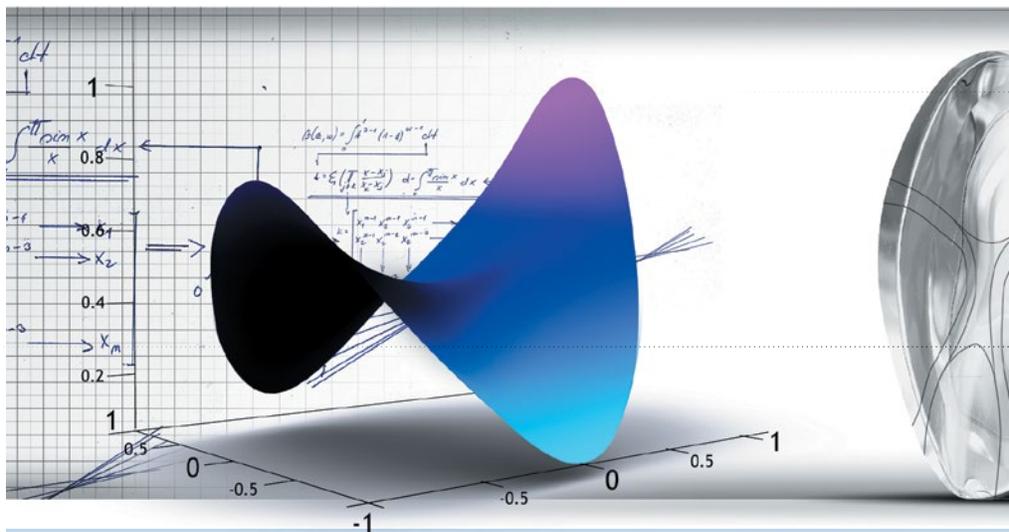
## PROGRESSIVE LENSES

### From Mathematics to Award-winning Lens Design

*Advanced lens design technology and a desire to attain optimum wearer comfort in all viewing zones were the design principles that brought the IMAGE progressive to life. Eye-path tracing technology has been utilized to analyze and understand what the wearer sees in all viewing areas, in all prescriptions, in many different lifestyle activities.*

*IMAGE provides stabilized viewing zones in all prescriptions, ensuring the reading area is not compromised as the add power increases. IMAGE boasts one of the widest distortion free distance zones in the industry, which is an essential attribute for a quality progressive design.*

*IMAGE designs are available in a very wide range of lens materials and lens treatments.*



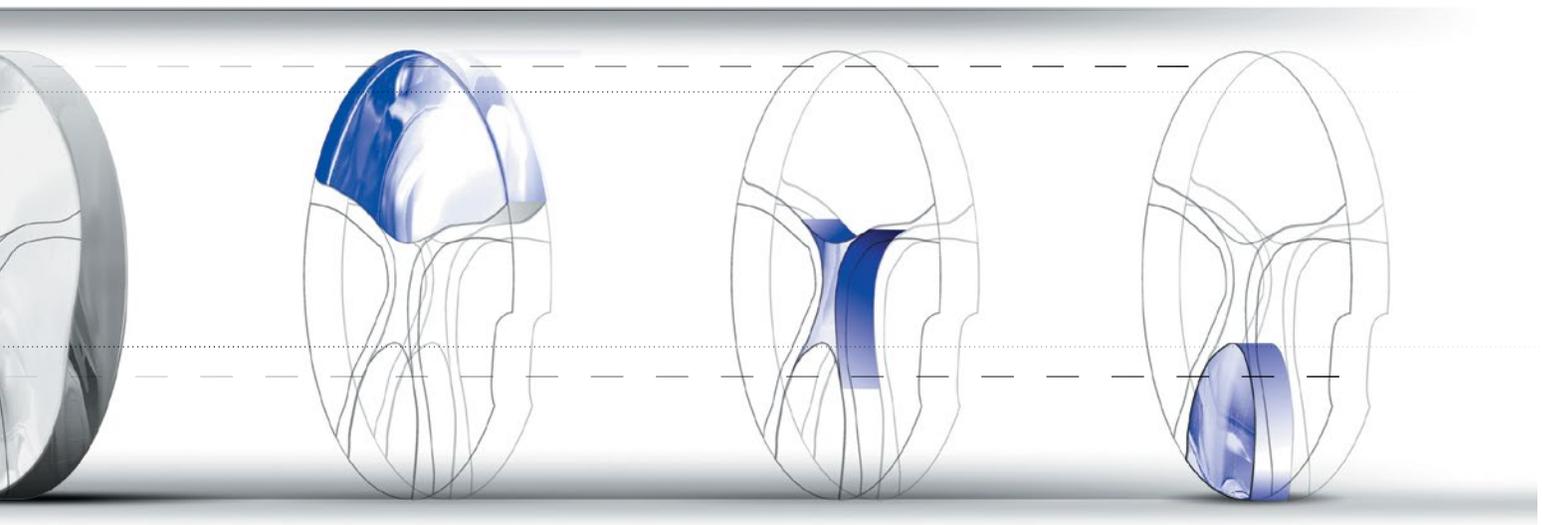
State of the art mathematics to world class progressive lens design

### IMAGE Wrap® Decentered Progressive Polarized Lens

The IMAGE Wrap lens design is decentered to maximize the usable lens area, and the low level of unwanted astigmatism in the periphery of the distance zone makes it an ideal choice for high end wrap styles.



Available in polycarbonate in a +8 base curve, the design is decentered 7mm to allow for maximum cut-out opportunity. With an effective blank size of 83mm, no secondary calculations are necessary for use. Great for narrow PD's.



## Distance Zone

IMAGE features a large and clear distance, particularly important for outdoor activities, driving, and sunwear

## Intermediate Zone

Both functional and practical to accommodate the widest range of frame sizes

## Reading Zone

Stabilized near zone ensures easy adaptation and patient satisfaction when reading

## Polarized Sunwear

Fit premium IMAGE® NuPolar® polarized lenses with today's premium sunglass frames. No need to compromise technology and performance on Rx sunglasses due to cut-out issues. With one of the widest distance zones in the industry, the IMAGE progressive design is ideal for sunwear.

## Rimless or Drilled Frames

Rimless high fashion frames are elegant, yet these frames present lots of challenges. IMAGE is available in Trilogy®, polycarbonate, and High Index 1.67 MR-10™ materials, giving you flexibility when balancing the factors of material strength, optics, weight, and progressive design.

## Fashionable Small Frames

Small frames are particularly challenging for progressive lenses. IMAGE balances a clear unobstructed distance area with a short corridor, allowing fitting heights as low as 18mm.

For even shorter fitting heights, try the ADAGE® ultra-short corridor progressive lens with a minimum fitting height of 13mm. Please contact your Younger Optics representative for more information.



# Educational & Marketing MATERIALS

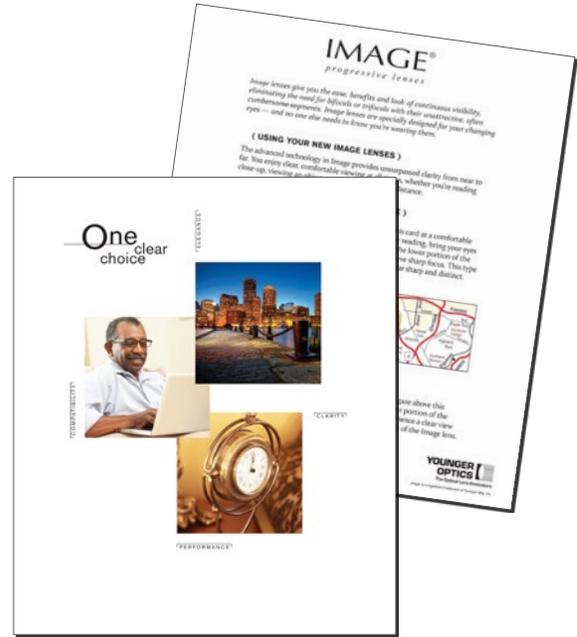
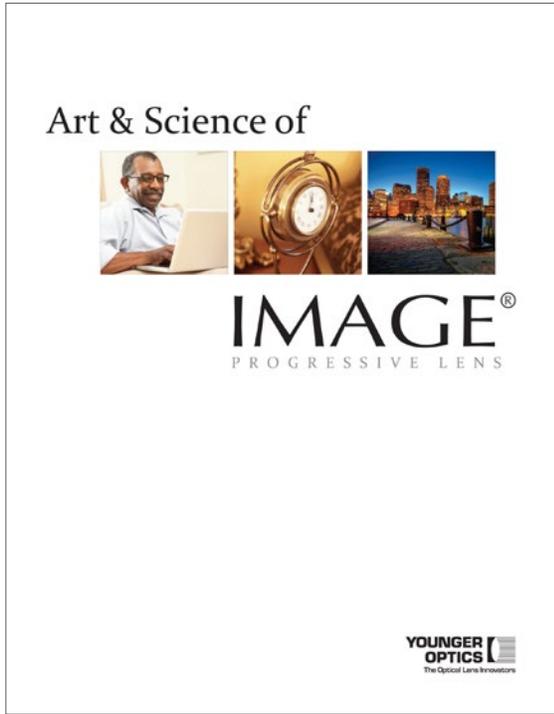


Image Reading Card

## The Art & Science of Image Booklet

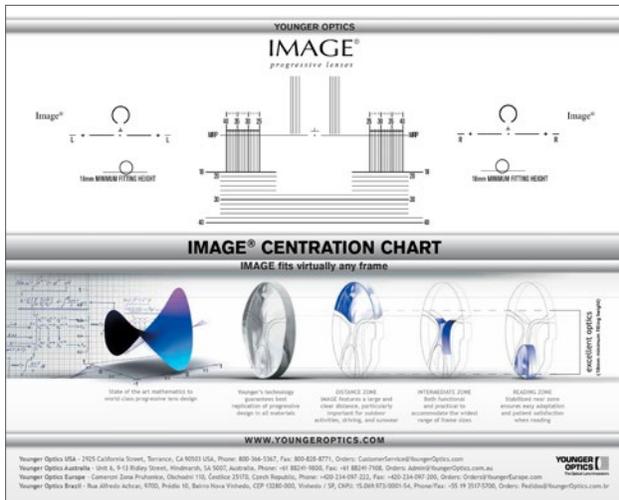


Image Centration Chart



Image Patient Brochure

To request materials, contact [marketing@youngeroptics.com](mailto:marketing@youngeroptics.com).

# IMAGE® AVAILABILITY

IMAGE® <i>progressive lenses</i>	Hard Resin	Poly	Trilogy®	1.67 Hi-Index (MR-10™)
IMAGE® Clear Base Curves Add Range	<b>C</b> 2, 4, 6, 8 1.00 - 3.00	<b>C</b> 2, 4, 6, 8 1.00 - 3.00	<b>C</b> 2, 4, 6, 8 1.00 - 3.00	<b>C</b> 1, 3, 5, 7 1.00 - 3.50
IMAGE Transitions Signature® Colors Base Curves Add Range	<b>T T</b> 2, 4, 6, 8 1.00 - 3.00	<b>T T</b> 2, 4, 6, 8 1.00 - 3.00	<b>T</b> 2, 4, 6, 8 1.00 - 3.00	<b>T</b> 1, 3, 5, 7 1.00 - 3.50
IMAGE Transitions® XTRActive® Color Base Curves Add Range	<b>X</b> 2, 4, 6, 8 1.00 - 3.00	<b>X</b> 2, 4, 6, 8 1.00 - 3.00	<b>X</b> 2, 4, 6, 8 1.00 - 3.00	
IMAGE Transitions Vantage® Colors Base Curves Add Range		<b>V</b> 2, 4, 6, 8 1.00 - 3.00		
IMAGE Transitions Drivewear® Color Base Curves Add Range	<b>D</b> 2, 4, 6, 8 1.00 - 3.00	<b>D</b> 2, 4, 6, 8 1.00 - 3.00		
IMAGE NuPolar® Colors Base Curves Add Range	<b>N N</b> 2, 4, 6, 8 1.00 - 3.00	<b>N N</b> 2, 4, 6, 8 1.00 - 3.00		
IMAGE Wrap® NuPolar Color Base Curves Add Range		<b>N</b> 8 1.00 - 3.00		

## Colors:

- C** Clear
- T** Transitions Signature Gray
- T** Transitions Signature Brown
- X** Transitions XTRActive Gray
- V** Transitions Vantage Gray
- D** Transitions Drivewear\*
- N** NuPolar Gray-3 (Gray)
- N** NuPolar Brown

\* Transitions Drivewear lens color is dependent on lighting conditions.

For complete Rx ranges & tech specs, see [youngeroptics.com/availability](http://youngeroptics.com/availability).

# TRIOLOGY® LENSES

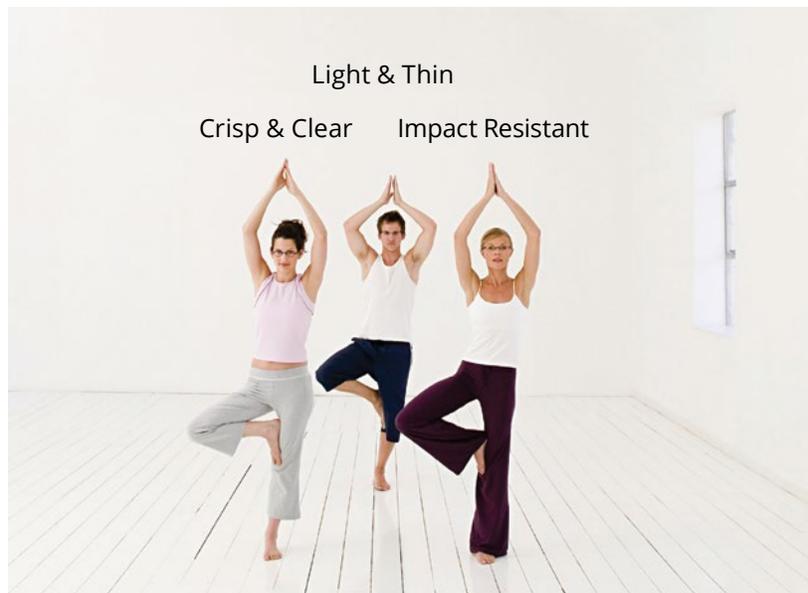
What do patients want in a lens?  
BALANCE.

## Optically Superior

Compared to the other thin and light materials available, Trilogly offers sharper vision. This is because Trilogly lenses, an optically superior material that **reduces chromatic aberration**, the annoying tendency of some lenses to create colored blur around objects, particularly in the periphery. If your patient's work or hobbies demand clear vision, or if your older patient's visual acuity needs a little extra help, prescribe Trilogly lenses.

## Light and Thin

Patients want comfort and good looking lenses. Trilogly lenses, an ultra lightweight material that practically floats on water. They are thin as well as lightweight, so not only are the lenses cosmetically appealing, your patients' glasses won't slide



down or leave nasty marks on the bridge of their noses.

## Safety

Trilogly lenses are made with a material that has **exceptionally high impact resistance**. This material was originally developed to be used in military applications.

For impact resistance, many times the FDA requirement, you can recommend Trilogly or you can give polycarbonate, a lens which may compromise visual clarity. Why compromise? With Trilogly, patients can protect their

vision and enjoy superb optics. And for added benefit, Trilogly lenses are 100% UV blocking.

## Rimless Eyewear Advantage

Trilogly lenses are the best choice for wearers of **rimless eyewear frames** because this lens material is highly resistant to splintering and breakage at the point where the frame is attached to the lens.

	Trilogly	Polycarbonate	High Index
Clear, Crisp Vision	●	○	○
Lightweight	●	●	○
Safety	●	●	○
Thin	●	●	●

# TRILOGY®

## NuPolar® Trilogy®

Over five years in development and covered by multiple patents, Younger Optics presents the ultimate in sunwear optics and protection.

Trilogy® was based on research originally developed for the military as visual armor. That research fueled efforts to bring together impact protection, great optics, light weight and chemical resistance all in one innovative Rx lens: Trilogy.

Now, combine those advanced lens characteristics with NuPolar®, the world's leading Rx polarized technology, to give the eyewear market an incomparable sunwear combination: NuPolar Trilogy lenses.

While you might not use these lenses under the same intense conditions as the military, why give your eyes anything less than the material protection and benefits of Trilogy lenses plus the sunwear protection of NuPolar?

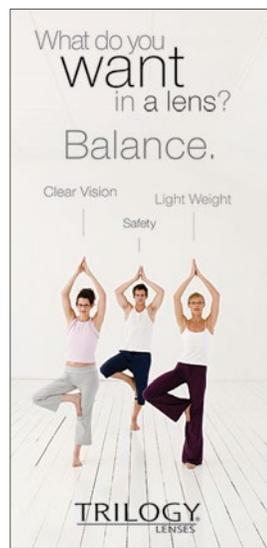


- Exceptional Impact Strength
- Uncompromised Optics  
45 Abbe
- Unmatched Chemical  
Resistance
- Light Weight  
1.10 Specific Gravity
- Blocks Blinding Glare
- Blocks 100% of UVA & UVB
- NuPolar Quality  
World #1 Market Leader in  
Rx Polarized Lenses

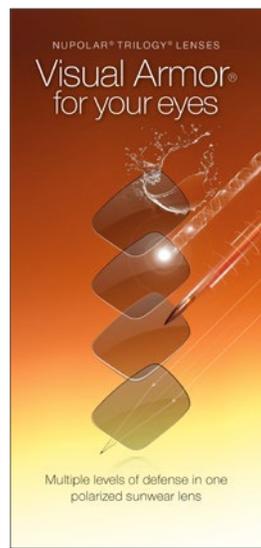
# Educational & Marketing MATERIALS



Triology Flyers



Trilogy Patient Brochure



NuPolar Trilogy Patient Brochure

To request materials, contact [marketing@youngeroptics.com](mailto:marketing@youngeroptics.com).

# Trilogy® AVAILABILITY

TRILOGY®	Plano	Single Vision Spherical	Single Vision Aspheric	Progressive	Camber™ Lens Blank	Bifocal
Clear Base Curves Add Range		(C) 75mm diameter 0.5, 1, 2, 3, 4, 5, 6, 7, 8	(C) 0.5, 1, 2, 3, 3.5, 4, 5, 6, 7	(C) IMAGE® 2, 4, 6, 8 1.00 - 3.00	(C) 0.5, 2, 3, 4, 5, 6, 7, 8	(C) FT28 2, 4, 6, 8 1.00 - 3.50
		(C) 65mm diameter 0.5, 1, 2, 3, 4, 5, 6, 7, 8		(C) ADAGE® 2, 4, 6, 8 0.75 - 3.50		
Transitions Signature® Colors Base Curves Add Range		(T) (T) 1, 2, 3, 4, 5, 6, 7, 8	(T) (T) 0.5, 1, 2, 3, 3.5, 4, 5, 6, 7	(T) IMAGE® 2, 4, 6, 8 1.00 - 3.00	(T) (T) 0.5, 2, 3, 4, 5, 6, 7, 8	(T) (T) FT28 2, 4, 6, 8 1.00 - 3.50
Transitions XTRActive® Colors Base Curves Add Range		(X) (X) 1, 2, 3, 4, 5, 6, 7, 8		(X) IMAGE® 2, 4, 6, 8 1.00 - 3.00		
Transitions Vantage® Color Base Curves		(V) 1, 2, 3, 4, 5, 6, 7, 8				
Transitions Drivewear® Color Base Curves	(D) 6 w/backside AR	(D) 2, 4, 6, 8				
NuPolar® Colors Base Curves	(N) (N) 6	(N) (N) 2, 4, 6, 8				

- Colors:
- (C) Clear
  - (T) Transitions Signature Gray
  - (T) Transitions Signature Brown
  - (X) Transitions XTRActive Gray
  - (X) Transitions XTRActive Brown
  - (V) Transitions Vantage Gray
  - (D) Transitions Drivewear\*
  - (N) NuPolar Gray-3 (Gray)
  - (N) NuPolar Brown

For complete Rx ranges & tech specs, see [youngeroptics.com/availability](http://youngeroptics.com/availability).

\* Transitions Drivewear lens color is dependent on lighting conditions.

# TRANSITIONS® SIGNATURE®

## Introducing A Superior Way To See The World

*This is the photochromic lens your patients have been waiting for. Transitions Signature® VII lenses provide a superior visual experience by being more reactive to varying outdoor light conditions.*

### More responsive to UV in more situations.

*Transitions Signature VII lenses replace Transitions® VI lenses as the optimal lens for maximum indoor clarity and responsiveness to UV outdoors. They offer full clarity indoors and just the right amount of tint outdoors. Transitions Signature VII lenses are preferred 2 to 1 over Transitions VI lenses.*

### Chromea7™

*A true molecular breakthrough, this exclusive dye formulation allows the lenses to be more responsive in more lighting conditions across all temperatures.*



## Transitions Signature lenses:

- Are clear as an ordinary lens indoors, and darken very quickly in outdoor sunlight
- Feature new Chromea7 technology, which makes them highly responsive to direct and indirect sunlight so they get dark and fade back to clear quickly
- Fade back fastest to clear indoors
- Reduce glare caused by changing light while blocking 100% UVA and UVB light

## Transitions Signature lenses may be right for patients...

- If you spend most of your day indoors
- If you value completely clear lenses indoors
- If you go in and out of sunlight frequently
- If you are concerned with the dangers of UV light
- If you are a clear lens wearer who is new to Transitions lenses

	Transitions <sup>®</sup> Signature <sup>®</sup> lenses Most responsive, fully clear indoors, just the right amount of tint outdoors.	Transitions <sup>®</sup> XTRActive <sup>®</sup> lenses More activation for extra protection, our darkest everyday lenses.	Transitions <sup>®</sup> Vantage <sup>®</sup> lenses Variable polarization for crisper, sharper vision outdoors.
Everyday use	●	●	●
Clear indoors	●		
Slight tint indoors		●	●
Dark outdoors	●	●	●
Variable polarization			●
Activate behind the windshield		●	
Blue Light	●	●	●

# TRANSITIONS® XTRACTIVE®

Transitions  
XTRActive lenses  
are always  
active for extra  
protection.

*Now you can help even more patients find the Transitions® lenses that fit their lifestyles. Some of your patients who do not choose Transitions Signature® lenses will be very pleased to have Transitions XTRActive® lenses as an option.*

*Transitions XTRActive lenses are darker in both average temperatures and in hot temperatures than Transitions Signature lenses. That means Transitions XTRActive lenses will provide more visual comfort for patients who prefer a darker lens outdoors. Additionally, Transitions XTRActive lenses provide moderate activation behind the windshield of a car.*



## Transitions XTRActive lenses:

- Offer superior darkness compared to other everyday lenses, even in hot temperatures
- Have a comfortable hint of tint indoors to shield the eyes from the strain of artificial light
- Seamlessly adapt to changing light conditions outdoors
- Activate moderately behind the windshield
- 100% UVA and UVB light blocking

## Transitions XTRActive lenses may be right for patients...

- Who move between indoors and outdoors frequently
- Who are light sensitive
- Who like a comfortable tint indoors
- Who want some darkening behind the windshield
- Who are concerned with the dangers of UV light and about eye health

	Transitions <sup>®</sup> Signature <sup>®</sup> lenses Most responsive, fully clear indoors, just the right amount of tint outdoors.	Transitions <sup>®</sup> XTRActive <sup>®</sup> lenses More activation for extra protection, our darkest everyday lenses.	Transitions <sup>®</sup> Vantage <sup>®</sup> lenses Variable polarization for crisper, sharper vision outdoors.
Everyday use	●	●	●
Clear indoors	●		
Slight tint indoors		●	●
Dark outdoors	●	●	●
Variable polarization			●
Activate behind the windshield		●	
Blue Light	●	●	●

# TRANSITIONS<sup>®</sup> VANTAGE<sup>®</sup>

## Introducing variable polarization with Transitions Vantage lenses

*Transitions<sup>®</sup> Vantage<sup>®</sup> lenses are the first of a new type of everyday Transitions lenses that darken and polarize upon UV exposure.*

*Sunlight can cause glare when light scatters off reflective surfaces, causing discomfort and creating dull, washed-out images. Polarization filters this bright light to provide better visual clarity.*

*Because Transitions Vantage lenses adapt to changing outdoor light by both darkening and polarizing, patients can now enjoy the benefits of polarization — during more hours of the day.*



## Transitions Vantage lenses:

- Are the only lenses with variable polarization, which increase as the lens gets darker
- Offer crisper, sharper vision outdoors compared to other everyday lenses
- Have a hint of tint indoors
- Block 100% UVA and UVB light

## Transitions Vantage lenses may be right for patients...

- If you are looking for everyday lenses well-suited to outdoor activities
- If you appreciate a vibrant and vivid visual experience
- If you are interested in the latest advancements in photochromics
- If you are concerned with the dangers of UV light
- If you are an experienced photochromic lens wearer who is looking for something more

	Transitions <sup>®</sup> Signature <sup>®</sup> lenses Most responsive, fully clear indoors, just the right amount of tint outdoors.	Transitions <sup>®</sup> XTRActive <sup>®</sup> lenses More activation for extra protection, our darkest everyday lenses.	Transitions <sup>®</sup> Vantage <sup>®</sup> lenses Variable polarization for crisper, sharper vision outdoors.
Everyday use	●	●	●
Clear indoors	●		
Slight tint indoors		●	●
Dark outdoors	●	●	●
Variable polarization			●
Activate behind the windshield		●	
Blue Light	●	●	●

# TRANSITIONS®

## POLYCARBONATE COMPOSITE MULTIFOCALS

This unique technology gives more multifocal wearers the opportunity to experience unsurpassed Transitions photochromic performance!

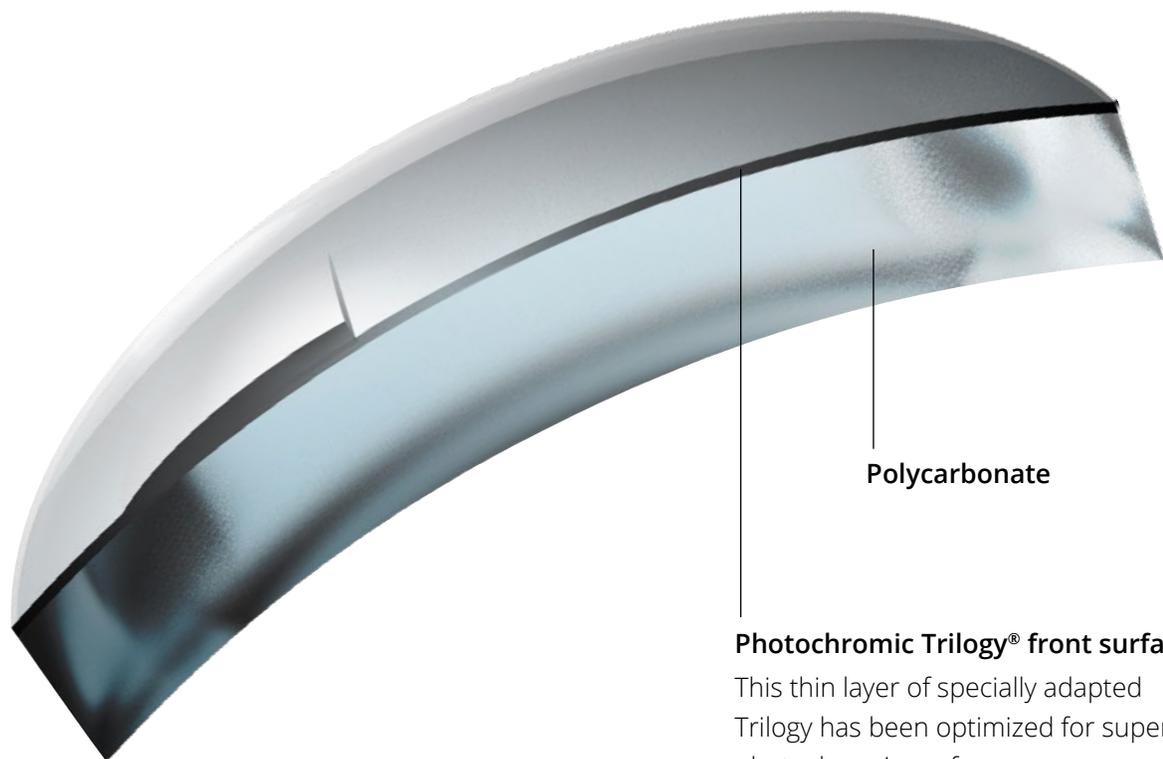
*Transitions Optical uses a proprietary process to make polycarbonate lenses photochromic. While this process works for a variety of lens geometries, it is not compatible with segmented lenses such as bifocals and trifocals. This has meant that previously, bifocal and trifocal lenses were not available with Transitions® technology in polycarbonate.*

*However, Younger Optics and Transitions Optical recently developed a polycarbonate composite lens that incorporates a thin photochromic front surface multifocal layer made with Trilogy® — resulting in a lens delivering Transitions performance in a product that is surfaced, polished, edged and dispensed just like a clear polycarbonate lens!*



## Transitions polycarbonate composite lenses:

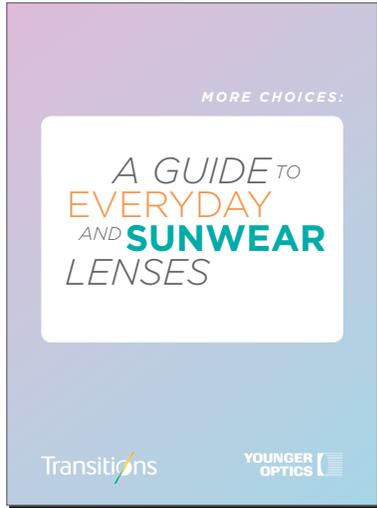
- Are available in Transitions® Signature® gray and brown: FT28 bifocal, FT35 bifocal, and 7 x 28 trifocal
- Are available in Transitions® XTRActive® gray: FT28 bifocal
- Are made with a unique photochromic Trilogy® layer that provides unsurpassed Transitions performance
- Process just like polycarbonate lenses
- Have a 1.59 index, which is the same as polycarbonate lenses
- Have superb segment cosmetics
- Use an integral chemical bond that will not separate
- Have excellent impact resistance



### Photochromic Trilogy® front surface

This thin layer of specially adapted Trilogy has been optimized for superb photochromic performance.

# Educational & Marketing MATERIALS

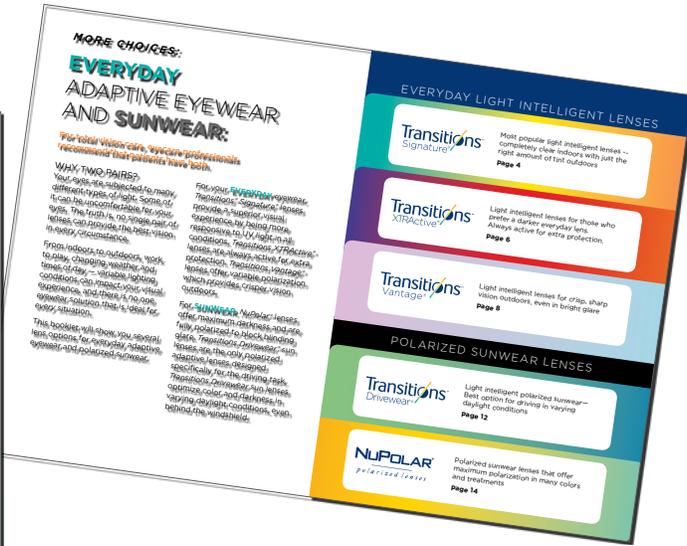


More Choices: A Guide to Everyday and Sunwear Lenses Booklet



More Choices Patient Brochure

To request materials, contact [marketing@youngeroptics.com](mailto:marketing@youngeroptics.com).



More Choices Pocket Card



More Choices Dispensing Mat

# Transitions® AVAILABILITY



	Hard Resin	Poly	Trilogy®	1.60 Hi-Index (MR-8™)	1.67 Hi-Index (MR-10™)	1.74 Hi-Index (MR-174™)
Single Vision Colors Base Curves	 0.5, 2, 4, 5, 6, 8	 0.5, 1, 2, 3, 4, 5, 6, 7, 8	 1, 2, 3, 4, 5, 6, 7, 8	 0.5, 1, 2, 3, 4, 5, 6, 7, 8	 1, 1.5, 3, 4, 5, 6, 7	 0.5, 1, 1.5, 2.5, 3.5, 5, 6, 7, 8, 9, 10
Single Vision Digital Colors Base Curves	 0.5, 2, 3.5, 4, 5, 6, 7, 8, 10					
Single Vision, Aspheric Colors Base Curves			 0.5, 1, 2, 3, 3.5, 4, 5, 6, 7			
Camber™ Lens Blank Colors Base Curves	 0.5, 2, 3, 4, 5, 6, 7, 8	 0.5, 2, 3, 4, 5, 6, 7, 8	 0.5, 2, 3, 4, 5, 6, 7, 8	 0.5, 2, 3, 4, 5, 6, 7, 8	 0.5, 2, 3, 4, 5, 6, 7, 8	
IMAGE® Progressive Colors Base Curves Add Range	 2, 4, 6, 8 1.00 - 3.00	 2, 4, 6, 8 1.00 - 3.00	 2, 4, 6, 8 1.00 - 3.00		 1.5, 3, 5, 7 1.00 - 3.50	
ADAGE® Progressive Colors Base Curves Add Range		 2, 4, 6, 8 1.00 - 3.00				
FT28 Bifocal Colors Base Curves Add Range	 0.5, 2, 4, 6, 8 1.00 - 3.00	 2, 4, 6, 8 1.00 - 3.50	 2, 4, 6, 8 1.00 - 3.50			
FT28 Bifocal Hi-Add Colors Base Curves Add Range	 4, 6, 8 3.25 - 4.00					
FT35 Bifocal Colors Base Curves Add Range	 4, 6, 8 0.75 - 4.00	 2, 4, 6, 8 1.00 - 3.50				
7 x 28 Trifocal Colors Base Curves Add Range	 4, 6, 8 1.50 - 4.00	 4, 6, 8 1.00 - 3.50				
8 x 35 Trifocal Color Base Curves Add Range	 4, 6, 8 1.50 - 4.00					

## Colors:

- Transitions Signature® Gray
- Transitions Signature Brown
- Transitions® XTRActive® Gray
- Transitions XTRActive Brown
- Transitions® Vantage® Gray
- Transitions® Amethyst Purple **(NEW)**
- Transitions® Sapphire Blue **(NEW)**

\* Polycarbonate composite material

For complete Rx ranges & technical specifications, see [youngeroptics.com/availability](http://youngeroptics.com/availability)

# HIGH INDEX

## High Index Everyday and Sunwear Lenses

Available in Clear,  
Transitions Signature®,  
Transitions® XTRActive®,  
and NuPolar® lenses

*High Index lenses are a premium choice for patients with high prescriptions who want minimal lens thickness. These thinner, high index lenses give your patients more cosmetically appealing eyewear, and are especially recommended for drilled rimless eyewear, where thin is always in. When lens thickness consideration is essential, prescribe High Index lenses.*

*Younger Optics' High Index 1.74, 1.67, 1.60 lenses are made from MR-174™, MR-10™ and MR-8™ resins from Mitsui Chemicals.*



High Index 1.74 lenses in clear and Transitions Signature. High Index 1.74 lenses are also available in clear finished double-sided aspheric single vision.



NuPolar High Index 1.60 & 1.67 single vision lenses are available in three colors and eight base curves.

# High Index AVAILABILITY

	1.60 (MR-8™)	1.67 (MR-10™)	1.74 (MR-174™)
Single Vision Clear Color Base Curves	Ⓒ 0.5, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Ⓒ 1, 1.5, 3, 4, 5, 6, 7, 9, 12	Ⓒ 0.5, 1, 1.5, 2.5, 3.5, 5, 6, 7, 8, 9, 10
Single Vision Transitions® Colors Base Curves	Ⓓ Ⓓ 0.5, 1, 2, 3, 4, 5, 6, 7, 8	Ⓓ Ⓓ ⓧ ⓧ 1, 1.5, 3, 4, 5, 6, 7	Ⓓ Ⓓ 0.5, 1, 1.5, 2.5, 3.5, 5, 6, 7, 8, 9, 10
Single Vision NuPolar® Colors Base Curves	Ⓔ Ⓔ Ⓔ 1, 2, 3, 4, 5, 6, 7, 8	Ⓔ Ⓔ Ⓔ 1, 2, 3, 4, 5, 6, 7, 8	
Single Vision NuPolar Extra Large Blank (80.5mm) Colors Base Curves		Ⓔ Ⓔ 4, 6, 8	
Camber™ Lens Blank Colors Base Curves	Ⓒ Ⓓ Ⓓ Ⓔ Ⓔ 0.5, 2, 3, 4, 5, 6, 7, 8	Ⓒ Ⓓ Ⓓ Ⓔ Ⓔ 0.5, 2, 3, 4, 5, 6, 7, 8	
IMAGE® Progressive Colors Base Curves <i>Add Range</i>		Ⓒ Ⓓ 1, 3, 5, 7 <i>1.00 - 3.50</i>	
FT28 Bifocal Color Base Curves <i>Add Range</i>		Ⓒ 1, 3, 5, 7 <i>1.00 - 3.50</i>	

## Colors:

- Ⓒ Clear
- Ⓓ Transitions Signature® Gray
- Ⓓ Transitions Signature Brown
- ⓧ Transitions® XTRActive® Gray
- ⓧ Transitions XTRActive Brown
- Ⓔ NuPolar Gray-3 (Gray)
- Ⓔ NuPolar Brown
- Ⓔ NuPolar Green

For complete Rx ranges & tech specs, see [youngeroptics.com/availability](http://youngeroptics.com/availability).

# MULTI-FOCAL & SPECIALTY LENSES

*With over 60 years of lens innovation, Younger Optics continues to provide many unique specialty and occupational lenses.*

## Single Vision High Base

With a nominal curve of 12.25, this lens is suitable for prescriptions from +5.25 D to +10.00 D.

## Flat Tops 28 & 35

Many patients still prefer a classic flat top bifocal lens. Besides clear hard resin, FT28 lenses are also available in Trilogry®, high index 1.67, Transitions Signature®, Transitions® XTRActive®, NuPolar® and Transitions Drivewear® options. FT35 availability listed on chart at right.

## Flat Tops 28 & 35, High-Add

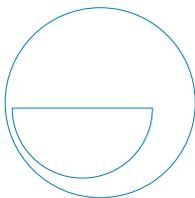
Both styles are available with adds from +4.50 D to +8.00 D for 4 base, and +4.50 D to 6.00 D for 6 base..

## Flat Top 35, 80mm Large Diameter

For larger frames. 4, 6, 8 base curves. +0.75 to +4.00 D add range.

## Flat Top 45

The FT45 offers a great alternative for the "executive" across-the-lens multi-segment, because it is easier to process and coat;



it offers faster turnaround with less cost in some cases; and the finished lens is more attractive, and fits nicely into more frames.

## Double D Flat Top 28

Presbyopic patients may have occupations that require



accurate near vision above, as well as below, the eye

level. If regular bifocals are prescribed, these patients must bend their necks back to an uncomfortable position in order to see in the near zone. Some examples of this are auto mechanics, carpenters, electricians, and painters.

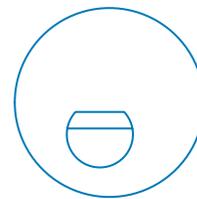
The Double Segment can be ordered with both flat top segments in equal powers, or with the top segment's power at approximately 62% of the power of the bottom segment.

## Round Segment 22 & Round Segment 40

Sometimes prescribed as a pediatric or occupational multifocal, round seg lenses are an alternative for flat top or progressive lenses.

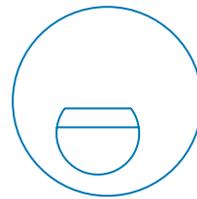
## Trifocals: 7x28 & 8x35

Trifocal lenses are best for patients who prefer an alternative to progressive lenses. Trifocals consist of three regions (distance, intermediate, and near) to help restore a broader range of vision. They are most helpful for people with advanced presbyopia who have been prescribed two diopters or more of reading addition. The intermediate addition is normally half the reading addition.



## Seamless™ 28

The Younger Seamless lens was the first bifocal to offer the cosmetic benefits of being invisible, while attempting to correct some of the common dysfunctions of a segmented bifocal, such as jump and split images. It is also the easiest invisible product to fit and dispense. There are no monocular measurement requirements and processing is simple and easy.



# Multi-Focal & Specialty Lens AVAILABILITY

	Hard Resin	Poly	Trilogy®	1.67 Hi-Index (MR-10™)		
SV High Base Color Base Curve	Ⓒ 12					
Flat Top 28 Colors Base Curves Add Range	Ⓒ Ⓝ Ⓝ 2, 4, 6, 8 0.75 - 4.00	Ⓣ Ⓣ ⓧ ⓧ ⓓ 0.5, 2, 4, 6, 8 1.00 - 3.00	Ⓣ* Ⓣ* ⓧ* 2, 4, 6, 8 1.00 - 3.50	Ⓝ Ⓝ 2, 4, 6, 8 1.00 - 3.00	Ⓒ Ⓣ Ⓣ 2, 4, 6, 8 1.00 - 3.50	Ⓒ 1, 3, 5, 7 1.00 - 3.50
Flat Top 28, High-Add Colors Base Curves Add Ranges	Ⓒ 4, 6 4.50 - 8.00**	Ⓣ Ⓣ 4, 6, 8 3.25 - 4.00				
Flat Top 35 Colors Base Curves Add Range	Ⓒ Ⓣ Ⓣ Ⓝ 2, 4, 6, 8 0.75 - 4.00		Ⓣ* Ⓣ* 2, 4, 6, 8 1.00 - 3.50			
Flat Top 35, High-Add Colors Base Curves Add Ranges	Ⓒ 4 4.50 - 8.00	Ⓒ 6 4.50 - 6.00				
Flat Top 45 Color Base Curves Add Range	Ⓒ 4, 6, 8 0.75 - 3.00					
Double D Flat Top 28 Color Base Curves Add Range	Ⓒ 4, 6, 8 1.00 - 3.00					
7 x 28 Trifocal Colors Base Curves Add Range	Ⓒ Ⓣ Ⓣ ⓧ Ⓝ 4, 6, 8 1.50 - 4.00		Ⓣ* Ⓣ* 4, 6, 8 1.00 - 3.50			
8 x 35 Trifocal Colors Base Curves Add Range	Ⓒ Ⓣ 4, 6, 8 1.50 - 4.00					
Round Segs 22 & 40 Color Base Curves Add Range	Ⓒ 2, 4, 6, 8 0.75 - 4.00					
Seamless™ 28 Color Base Curves Add Range	Ⓒ 2, 4, 6, 8 0.75 - 3.00					

**COLORS:**

Ⓒ Clear

Ⓣ Transitions Signature® Gray

Ⓣ Transitions Signature Brown

ⓧ Transitions® XTRActive® Gray

ⓧ Transitions XTRActive Brown

ⓓ Transitions® Drivewear®

Ⓝ NuPolar® Gray-3 (Gray)

Ⓝ NuPolar Brown

\*Transitions Signature is offered in polycarbonate composite material.

\*\*For complete Rx ranges & tech specs, see [youngeroptics.com/availability](http://youngeroptics.com/availability).

# FINISHED SINGLE VISION & PLANO

## Finished Everyday and Sunwear Lenses

*Younger Optics offers you the variety and convenience of finished lenses in many materials and lens treatments, allowing you to offer patients a product that provides the style and quality they deserve.*

### Super Hydrophobic AR Coating

Independent tests have shown Younger Optics' Super Hydrophobic AR outperforms many of the standard AR coatings in use today.

Super Hydrophobic AR is durable and will easily resist scratches during the life of the lens.

This coating protects against fingerprints, dust and dirt, making it easy to clean and maintain.

This Super Hydrophobic AR's low reflection property prevents annoying harsh reflections coming off the wearer's lenses, and has a pleasing uniform reflected color.

Super Hydrophobic AR lets more light through the lens, allowing the wearer to see clearer, sharper images.

This AR coating's hydrophobic properties allow water droplets to easily run off the surface of the lens so that no visible marks are left on the lens. The hydrophobic properties also help to remove smudges, dust, dirt and fingerprints easily.

### Transitions® Finished Lenses

Transitions photochromic lenses are the best solution for patients' everyday pair. Reducing eyestrain and fatigue caused by changing light, they provide improved visual clarity indoors and outdoors. Transitions lenses provide comfortable vision in low to high lighting conditions and are good for nighttime driving. They are available in scratch-resistant hardcoat and easy to clean AR options.

### Polarized Finished Lenses

Younger Optics is proud to offer two types of finished polarized lenses: NuPolar® and Transitions® Drivewear®.

NuPolar is the world's leading

*Clear and Transitions  
everyday lenses*



*NuPolar and  
Transitions Drivewear  
polarized sun lenses*



brand of polarized Rx lenses. When performance factors such as optics, polarizing efficiency, color consistency, and many other factors are taken into consideration, NuPolar quality is unequalled. These polarized sunwear lenses provide visual comfort, even in bright, blinding glare. They offer fixed, maximum polarization in several color options. With NuPolar lenses you can always be sure of receiving the most advanced and intelligently designed lens available.

Transitions Drivewear adaptive sun lenses are designed to meet the unique visual challenges of daytime driving. The high-efficiency polarizer blocks blinding glare both outdoors and behind the windshield, for a safer and more comfortable drive. Lens color and darkness continuously adapt to optimize color contrast in changing daylight conditions, even behind the windshield. Transitions Drivewear sun lenses are the only lenses that combine NuPolar polarizing technology and Transitions photochromic technology, making them the ultimate driving lens.

All finished lenses are available through your favorite laboratory.

# Finished Lenses AVAILABILITY

## Everyday Finished Lenses

	Hard Resin	Poly	Trilogy®	1.67 Hi-Index (MR-7™)	1.74 Hi-Index (MR-174™)
Finished Single Vision with Super Hydrophobic AR Colors	T T	T T	C	C T T Aspheric	C Double-Sided Aspheric
Finished Single Vision with Hardcoat Colors	T T X	T T X	C		

## Sunwear Finished Lenses

	Hard Resin	Trilogy®
Finished Plano Polarized – Uncoated Colors Base Curves	N N N N 6	
Finished Plano Polarized – Hardcoated Colors Base Curves	/	N N 6
		D 6 w/backside AR

## Colors:

- C Clear
- T Transitions Signature® Gray
- T Transitions Signature Brown
- X Transitions® XTRActive® Gray
- D Transitions® Drivewear®\*
- N NuPolar® Gray-3
- N NuPolar Gray-1
- N NuPolar Brown
- N NuPolar Green

\* Transitions Drivewear lens color is dependent on lighting conditions.

For complete Rx ranges & tech specs, see [youngeroptics.com/availability](http://youngeroptics.com/availability).

# YOUNGER OPTICS — A Tradition of Optical Innovation



It all began more than 60 years ago with one man’s vision to create a bifocal that wouldn’t give away the wearer’s age with its telltale lines. This desire led Irving Rips to develop the world’s first “seamless bifocal,” which was launched in 1955. Younger Optics—so named because the new lenses would make their wearer look younger —was born.

Today, Younger is the world leader in Rx polarized sunwear with NuPolar® brand lenses, and continues to be an innovative force in the optical world.

Since winning the first OLA Award of Excellence ever given (1987) for its specialty lenses, Younger has won a total of 24 OLA Awards—more than any other lens company.

From a company started in a garage to a world-class organization, Younger Optics was a true realization of the American Dream for founder Irving Rips, who was honored with a Lifetime Achievement Award in 1992. In addition to being the world leader in prescription polarized lens sales, Younger Optics is also a leader in specialty products, and 3rd in the world in Transitions lenses. Younger has become an international company headquartered in the USA, with Sales and Distribution offices serving North America, Europe, Australia/Asia Pacific, Latin America and Brazil.

