

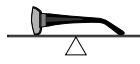








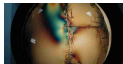
# Say goodbye to Polycarbonate... and hello to what's **nxt**.

**Rxable  
Sunwear**

Pech Optical is campaigning to "Take Out Polycarbonate!" We are teaming up with NXT® to offer a lens material with better optical properties, chemical resistance, and weight balance compared to polycarbonate and other competing lenses. Let your customers enjoy exceptional performance and functionality without having to compromise comfort.

NXT® lenses - produced with Trivex - have quickly become the material of choice in today's optical world. Both professional and recreational sports enthusiasts have turned to NXT® lenses for the highest standards in protection, performance and reliability. Not to mention, complex sport frame configurations are no match for the versatility of NXT®.

## BEYOND THE LIMITS OF OTHERS:

FEATURE	DESCRIPTION	nxt	POLYCARB
Lightweight	About 10% lighter than polycarbonate. Heavier lenses cause more pressure and strain on the nose.	Specific Gravity	
		1.11 	1.22 
No Stress Cracking or Crazing (Drilled Rimless)	Unlike polycarbonate and other materials, NXT® is not sensitive to stress cracking, so it does not craze when subjected to mechanical strains.	Stress Cracking	
		Not Sensitive 	Sensitive 
Processed by Casting	Ensures low internal stress, high optical homogeneity, thermal and mechanical stability.	Internal Stress/Birefringence	
		Low 	High 
Excellent Optical Properties	Has lower internal stress resulting in lower surface reflection and "rainbow effect", higher definition and sharper images.	Refractive Index (1)	
		1.53	1.59
		Abbe Number (2)	
		45 	29 
High Chemical Resistance	Unlike polycarbonate, NXT® is not attacked by common chemicals or solvents (i.e. acetone and methyl alcohol).	Chemical Resistance	
		Good 	Poor 

(1) For sun lenses lower value means better optical quality.

(2) Higher value means better optical quality.






Available through:

**PECH OPTICAL CORP.**

Phone: 800-831-2352 • Fax: 800-227-3081 • Web: [www.pechoptical.com](http://www.pechoptical.com)

## Fixed Tint:





- > 100% UVA & UVB Blockage
- > Tint Will Not Fade or Discolor Over Time
- > Compatible with Any Frame and Prescription
- > Uniform Color Regardless of Prescription

COLOR	DESCRIPTION	SINGLE VISION		PROGRESSIVE (freeform)	
		C&E	UNCUT	C&E	UNCUT
Brown 	Ideal protection from bright sun and clear sky, optimum for driving and active sports, excellent color definition and contrast.				
Gray 	High protection general purpose lens, provides color definition and overall comfort from glare.				
Green 	Everyday lens, suitable for driving and active lifestyle.				
Gray with Silver Mirror 	High protection general purpose lens with enhanced protection from direct sunlight.				
Brown with Gold Mirror 	Optimum protection lens from blue light filtration particularly in high mountain environment.				
<b>Contact 800-831-2352 for Pricing</b>					
Add EZ-C AR Coating					



## Varia® Photochromic:

ALL OF THE BENEFITS OF FIXED TINT LENSES, PLUS...

- > Greater Stability & Efficiency
- > Very Fast Fading Rate

COLOR	DESCRIPTION	SINGLE VISION		PROGRESSIVE (freeform)	
		C&E	UNCUT	C&E	UNCUT
Brown 	Optimum for driving and active sports, excellent color definition and contrast. Enhanced performance and comfort with any light conditions.				
Gray 	High protection general purpose lens. Enhanced performance and comfort with any light condition.				
Copper 	Enhanced color contrast sensitivity and sharper image under variable weather conditions.				
Day-Night (Lt. Amber-Dk. Gray) 	Special lens particularly suited for night driving.				
<b>Contact 800-831-2352 for Pricing</b>					
Add EZ-C AR Coating \$20.00 (26.67)					

## Polarized:

	DESCRIPTION	SINGLE VISION		PROGRESSIVE (freeform)	
		C&E	UNCUT	C&E	UNCUT
Fixed Tint 	Well suited for water sports where the elimination of the light reflected off the water delivers substantial performance advantages and added comfort from glare. Also desired for driving, as they reduce the glare of the road, windshield, and dashboard, giving improved visibility and comfort.				
Varia® Photochromic 					
<b>Contact 800-831-2352 for Pricing</b>					

Wide front base curve range from 0.5D up to 8D for wraps and sport frames. Blanks available in 75mm and 80mm diameters.