

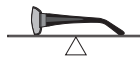








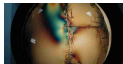
Say goodbye to Polycarbonate... and hello to what's **nxt**.

**Axable
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 Cracking (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)	
High Chemical Resistance	Unlike polycarbonate, NXT® is not attacked by common chemicals or solvents (i.e. acetone and methyl alcohol).	45 	29 
		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

Fixed Tint:

- > **100% UVA & UVB Blockage** - The dangers of UV rays are present in everyday life and sport activities all year round. The eyes should be protected like the skin from damage and aging.
- > **Tint Will Not Fade or Discolor Over Time** - Made with Light Management Technology (LMT) which is formulated permanently into the lens material. Fixed tint is comparable to glass.
- > **Compatible with Any Frame and Prescription**
- > **Uniform Color Regardless of Prescription** - Pre-tinting of lenses eliminates white edges.

COLOR	DESCRIPTION	PRICING
Brown 	Ideal protection from bright sun and clear sky, optimum for driving and active sports, excellent color definition and contrast.	<p>Contact us for pricing: 800-831-2352</p>
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.	

Varia® Photochromic:

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

- > **Greater Stability & Efficiency** - Unlike polycarbonate, photochromic molecules can be formulated in the mass of NXT® lenses.
- > **Very Fast Fading Rate** - Back to Tv=38% after 15 minutes.

COLOR	DESCRIPTION	PRICING
Varia® Brown 	Optimum for driving and active sports, excellent color definition and contrast. Enhanced performance and comfort with any light conditions.	<p>Contact us for pricing: 800-831-2352</p>
Varia® Gray 	High protection general purpose lens. Enhanced performance and comfort with any light condition.	
Varia® Copper 	Enhanced color contrast sensitivity and sharper image under variable weather conditions.	
Varia® Day-Night (Light Amber - Dark Gray) 	Special lens particularly suited for night driving.	

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

COMING SOON! NXT® SUNLENSES WILL BE AVAILABLE IN PECH OPTICAL'S OWN T.O.P. FREEFORM LENSES IN SINGLE VISION AND PROGRESSIVE.