

The History of Trivex™ Lens Material

Originally developed as “visual armor” for the military, PPG Industries adapted the plastics technology in 2001 for use in the ophthalmic industry and called it *Trivex* lens material because of its unique tri-performance properties.

An entirely new category, *Trivex* material was the first to offer the combination of excellent optics, strength characteristics and ultra-lightweight qualities in a single lens material.

The growth in demand for lenses made from *Trivex* material around the world has been unprecedented. This rapid acceptance is a testimony to the material’s exceptional properties. Eyecare professionals have discovered that they can rely on *Trivex* material, and patients are experiencing its valuable package of benefits.

Because the attributes of *Trivex* material make it an appealing choice for a variety of patients, manufacturing and distribution partners are continually expanding options in lens types and designs, and new partners are coming onboard. As the number of lens lines increases in each country, and as availability expands to new countries, the growth trend for *Trivex* lens material is expected to remain strong into the future.

Lenses made from *Trivex* material provide sharp vision, protection and comfort.

Timeline for *Trivex* Material

| Year | The History of <i>Trivex</i> Lens Material |
|------|---|
| 2001 | PPG develops <i>Trivex</i> material for ophthalmics. |
| 2002 | Hoya Vision Care launches new Phoenix lenses in the US. |
| | Younger Optics launches Trilogy® lenses in the US. |
| | <i>Trivex</i> material awarded Optical Laboratories Association Award of Excellence in the "Best in Lens Materials" category. |
| 2003 | Hoya launches PNX lenses in Europe. |
| | Younger introduces Trilogy® lenses in Europe. |
| | Thai Optical Group offers Excelite™ TVX brand of lenses in Europe and Asia. |
| 2004 | Augen Optics introduces Trinity™ double aspheric lenses, representing the foray of <i>Trivex</i> material into the Latin America market. |
| | Shamir Optical markets its Genesis™ lenses in <i>Trivex</i> material in Europe and the US. |
| 2005 | X-CEL Optical Company launches its line of Aris™ lenses made from <i>Trivex</i> material in single vision, trifocals and D28 bifocals. |
| | The American Optometric Association (AOA) recognizes <i>Trivex</i> material with their Seal of Acceptance for Ultraviolet Absorbers/Blockers. |
| 2006 | Signet Armorlite begins marketing KODAK Concise™ and Precise™ Lenses made with <i>Trivex</i> material. |