

FREEFORM TEK™ LENSES... A REVOLUTION IN RX SPORTS!

We've combined Digital Surfacing (Free Form Technology) with the best 8 Base wrap design (FreeForm TEK™) and a superior lens material (Impact Rx™) to create the Best Rx Sports Lens in the World!



Available in Progressive and Single Vision

Impact Rx Photochromic Clear (17% - 78%), Photochromic Red (21% - 50%), Photochromic Green (13% - 38%), Photochromic Copper (12% - 40%), Photochromic Brown (12% - 40%), Photochromic Grey (12% - 40%)

Photochromic Polarized Grey (12% - 30%), Photochromic Polarized Brown - available soon (10% - 25%), Fixed Tint Polarized Grey (15%), Fixed Tint Polarized Brown (15%)

Parameters¹ +4.00 to -5.00

TAILORED TO YOUR EYES.



Each FreeForm TEK™ lens is a custom made, personalized lens surfaced to the highest level of optical accuracy (up to 1/100 diopters) by combining the patient's unique measurements and Freeform Lens Technology®. FreeForm TEK's™ patented state of the art back-surface design provides 20 percent wider fields of vision in all zones by bringing the design closer to the eye.

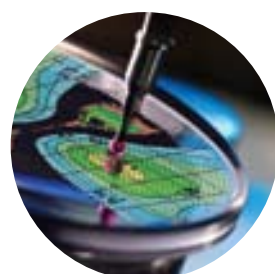
The FreeForm TEK™ design eliminates visual problems such as peripheral distortion and power errors in the line of sight. Its de-centered, fully aspheric back-surface results in a premium wrap progressive that offers optimal zone widths and clear, distortion-free viewing. FreeForm TEK™ lenses are also available for non-presbyopes, offering the same level of precision optics to single vision viewers.

EYEPOINT TECHNOLOGY.

Eyepoint Technology®, a patented component of Rudy Project's FreeForm TEK™ lenses, is a dedicated ray-tracing program which combines lens surface topography data with highly advanced mathematical algorithms. Eyepoint Technology® simulates how the human eye will see through the lens, and then calculates the optical performance of thousands of locations covering the lens surface, taking into account the parameters listed below:



- Lens index refraction
- Lens prescription
- Lens center thickness
- Distance from the eye to the back vertex of the lens
- Distance from lens to object



- Pantoscopic tilt of the frame
- Pupil distance
- Thickness reduction prism
- Angular position of the object in the eye's field of vision

Eyepoint Technology® simulates the human eye in every angle, prescription, and field of vision. These techniques enable Rudy Project to offer the most sophisticated progressive lens surfaces based upon thousands of points of data. It's this "design inside" that makes Rudy Project's FreeForm TEK™ progressive lenses the most advanced in the world.

¹Rx parameters are estimates based on total power and not exceed +2.00 to -2.00 cylinder. Please call Rudy Rx department with patient's complete Rx to ensure best results. FreeForm TEK™ lenses require verification by the Rx department. Please allow up to 24 hours for processing.

IMPACTRX™ = THE SUPERIOR LENS MATERIAL.

ImpactRX™ represents the most advanced technological solution in the field of vision protection. Thanks to its superior optical quality, ImpactRX™ lenses ensure sharp vision and unbeatable comfort. ImpactRX™ lenses are made by casting, a process which ensures lower internal stress, higher optical homogeneity and mechanical stability compared to traditional Polycarbonate lenses. ImpactRX™ lenses are stronger than any other lens material on earth, they are guaranteed unbreakable for life.

GUARANTEED UNBREAKABLE FOR LIFE*



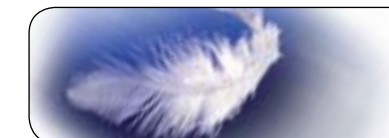
ImpactRX™ is stronger than any other lens material, guaranteed not to break or crack, even in complex frames.

SUPERIOR OPTICS



ImpactRX™ lenses have lower refraction index, internal stress and chromatic dispersion than Polycarbonate resulting in higher definition and sharper image.

LIGHTWEIGHT



ImpactRX™ is 16% lighter than CR-39 and 10% lighter than Polycarbonate.

HIGH CHEMICAL RESISTANCE



Unlike Polycarbonate and Polyamide, ImpactRX™ is not damaged by common chemicals or solvents (acetone or methyl alcohol). Above: Polycarbonate and ImpactRX™ exposed 15 sec. to gasoline

HIGH THERMAL STABILITY



ImpactRX™ polymer has high thermal stability and is not subject to optical or mechanical distortions, even when exposed to temperatures up to 80° C.

CUTTING-EDGE PHOTOCROMIC TECHNOLOGY



ImpactRX™ photochromic pigments are incorporated in the mass of the raw lens, making them more accurate and reliable. They will never be affected by superficial scratches

DESIGNED EXCLUSIVELY FOR RUDY PROJECT FRAMES.

The FreeForm TEK™ progressive lens design has been adapted specifically for Rudy Project frames. Based on each Rudy Project frame shape, the corridor length is dynamically adjusted and the reading zone is moved to the most optimal position in the frame, retaining the full reading power.

No matter which Rudy Project frame is chosen, each will have the most optimal design specifically tailored to the frame and patient.

