

This page contains a comprehensive technical document for the Xact® lens system, including:

- Product Overview:** Descriptions of the Xact® family, including foldable and rigid models, and their UV-absorbing and light-blocking properties.
- Physical Characteristics:** Dimensions and optical configurations for different models (Three Piece 6 mm Models, Three Piece 7 mm Models, Single-Piece 6 mm Model).
- Material and Design:** Detailed descriptions of the lens materials (Hydrophobic Acrylic, HEMA, Polyethylene Glycol, Polymethyl Methacrylate, Polyvinyl Chloride, Polycarbonate, Styrene Copolymer, Crosslinked with Ethylene Glycol Dimethacrylate), design features (Aspheric, Spherical), and optical properties (Biconvex, Biconcave, Aspheric, Biconvex, spherical, Biconcave, aspheric, Biconvex, aspherical).
- Performance Metrics:** Index of Refraction, Dispersion Coefficient, Lens Material, Optical Power, Dioptric Power, Index of Refraction, Material, Lens Diameter, Clear Optic Diameter, Overall Length, Focal Angle, Transmission (UV Cut-off), Specific Gravity, Aspherical Constant, Suggested A-constant, Optical Density, Resolution, and Lens Power Calculations.
- Indications and Warnings:** Indications for cataract extraction, glaucoma, and other eye conditions. Warnings include potential side effects like allergic reactions and contraindications for certain patients.
- Implantation and Post-Op Care:** Instructions for implantation, post-operative care, and follow-up visits.
- Precautions:** General precautions for surgery and post-operative care.
- Clinical Trials and Results:** Data from the AVS-1 study, including tables for best-corrected distance visual acuity (BCVA) and visual acuity in best case population.
- Manufacturing and Distribution:** Information about Advanced Vision Science, Inc., including address, phone number, and fax.
- Expiry and Storage:** Sterility information and storage instructions.
- Other Clinical Findings:** Summary of other clinical findings and glistenings.
- Abbreviations:** List of abbreviations used in the instructions.
- Manufacturer Information:** Advanced Vision Science, Inc. contact details.

