

AKREOS® ADAPT AO - ONE-PIECE HYDROPHILIC ACRYLIC IOL

- Aberration-Free aspheric optic to improve image quality, enhance depth of field and be more tolerant to lens misalignment
- Akreos® Adapt AO is designed to provide predictable,repeatable refractive outcomes for all cataract patients
- 360° posterior square edge for optimised effectiveness against PCO
- Four-point fixation designed for stability and centration

PRODUCT INFORMATION

MATERIAL

- Hydrophilic Acrylic
- 26 % water content
- UV-blocker
- Refractive index: 1.46

DESIGN

- Monofocal Aberration-Free Aspheric Optic
- 360° posterior square edge
- One-piece with four-point fixation
- Optic diameter: 6.0 mm from +10.0 D to +30.0 D; 6.2 mm from 0.0 D to +9.0 D
- Overall diameter: 11.0 mm from 0.0 D to +15.0 D; 10.7 mm from +15.5 D to +22.0 D; 10.5 mm from +22.5 D to +30.0 D; 11.0 mm from 0.0 D to +15.0 D

DIOPTER RANGE

- From 0.0 D to +30.0 D: 0.0 D to +10.0 D in 1.0 D increments; +10.0 D to +30.0 D in 0.5 D increments

INJECTORS

- Viscoject™ BIO 1.8 LP604350C (10/box); Recommended incision size: 1.8 mm WAT
- Comport PLUS 2.2 INJRET22 (1/box); Recommended incision size: 2.2 mm WAT
- Viscoject™ 2.2 LP604340 (10/box); Recommended incision size 2.2 mm WAT
- INJ100 (10/box); Recommended incision size: 2.2 mm WAT
- Hydroport AI-28 (1/box); Recommended incision size 2.8 mm in the bag

CONSTANTS*

- Immersion A-Scan or IOL-Master: A-Constant: SRK/T: 118.5; ACD: 5.26; Surgeon Factor: 1.51; Haigis Constant: a₀: -0.83 / a₁: 0.305 / a₂: 0.191
- Applanation A-Scan: A-Constant: 118.0; ACD: 4.96; Surgeon Factor: 1.22

*Constants are estimates only. Latest update: August 2016