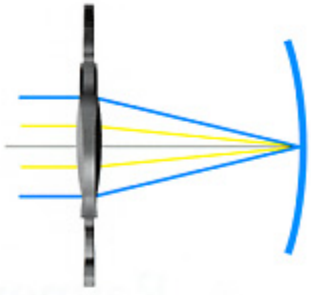
C-*flex* Aspheric
Superflex® Aspheric

HYDROPHILIC ACRYLIC INJECTABLE IOLS WITH AMON-APPLE ENHANCED SQUARE EDGE AND *ABERRATION-NEUTRAL* OPTIC TECHNOLOGY

Recent advances in IOL design have involved the application of wavefront technology to improve optical efficiency and visual function. The ability to measure Higher Order Aberrations has led to a better understanding of the eye as an optical system and the development of a new category of IOLs – aspherics – which are capable of providing an excellent quality of vision.

C-*flex* Aspheric and Superflex® Aspheric offer all the benefits of C-*flex* and Superflex® including AVH Technology® for centration and stability and the Amon-Apple enhanced square edge for reduced PCO.

In the younger eye, the naturally occurring positive spherical aberration of the cornea is compensated for by the naturally occurring negative spherical aberration of the crystalline lens, resulting in optimal vision. However, with age, the spherical aberration of the crystalline lens gradually becomes more positive, creating an imbalance that reduces contrast sensitivity and thus, visual function.



Aberration-neutral

Rayner® aspheric IOLs, unlike conventional IOLs, have zero spherical aberration and can be considered to be *aberration-neutral*.

The Rayner® C-*flex* (970C) Aspheric and Super*flex*® (920H) Aspheric

- Increased contrast sensitivity
- Increased functional visual acuity
- Optimised visual outcomes even under reduced lighting conditions
- Increased depth of field compared with designs corrected for corneal spherical aberration, such as negative aberration designs
- Less susceptible to the effects of tilt and decentration compared with negative aberration designs – a benefit which is further enhanced by the incorporation of AVH Technology®.

Physical parameters

	MODEL NUMBER	
	C-*flex* (970C) Aspheric	Super*flex*® (920H) Aspheric
Optic Body Diameter	5.75mm	6.25mm
Overall Length	12.00mm	12.50mm
Estimated SRK/T A-Constant	119.0	119.0
Theoretical ACD	4.97mm	4.97mm

Power availability

C-*flex* (970C) Aspheric	+18.0D to +29.5D in 0.5D increments +30.0D to +34.0D in 1.0D increments
Super*flex*® (920H) Aspheric	-10.0D to -1.0D in 0.5D increments +1.0D to +22.0D in 0.5D increments

Presentation

The Rayner® C-*flex* Aspheric and Super*flex*® Aspheric hydrophilic acrylic injectable IOLs are supplied in 0.9% saline solution in a pouched blister pack, sterilised by moist heat and presented in a convenient, ready-to-use system pack

- One C-*flex* Aspheric or Super*flex*® Aspheric injectable IOL
- One Rayner® Single Use Soft-Tipped Injector

Rayner
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Note: C-flex Aspheric and Superflex® Aspheric IOLs are not yet approved for sale in the US and Canada.