

**Acuity 100**  
(hexafocon A)

**Acuity 58**  
(enlufocon B)

**Acuity 18**  
(enlufocon A)

*For the most advanced corneal  
and scleral GP contact lenses.*

**Acuity**  
Polymers

# Acuity 100 (hexafocon A)

04/17 18-58-100 Rev001

Indications	Characteristics		Lens Parameters	
	<ul style="list-style-type: none"> <li>• Myopia</li> <li>• Hyperopia</li> <li>• Astigmatism</li> <li>• Presbyopia</li> <li>• Keratoconus</li> <li>• Pellucid Marginal Degeneration</li> <li>• Post Penetrating Keratoplasty</li> <li>• Post RK</li> <li>• Post Lasik</li> </ul>	Oxygen Permeability (Dk*)	111	Chord Diameter Range
Refractive Index		1.415	Center Thickness Range	0.07 to 0.65mm
Hardness (Shore D)		80	Base Curve Range	4.00 to 11.50mm
Specific Gravity		1.27	Power Range	-20.00 to +20.00D
Wetting Angle**		79/23	Add Powers	+1.00 to +3.75D
Light Transmittance*** [Average %T (380-780nm)]		89	Water Content	< 1%

\*ISO/Fatt Method:  $DkUnits = \times 10^{-11} \text{ (cm}^3 \text{ O}_2 \text{ (cm) / (sec (cm}^2 \text{) (mmHg)) @ 35}^\circ\text{C}$ ; \*\*Sessile Drop per ANSI Z80.20, 8.11; \*\*\*ISO8599: 1994

Available Tints	Standard Diameter				Large Diameter	
	Blue	Green	Ice Blue	Violet	Ice Blue	Clear
ACUITY 100 (hexafocon A)	✓	✓	✓	✓	✓	✓

# Acuity 58 (enlufoccon B)

Indications	Characteristics		Lens Parameters	
	<ul style="list-style-type: none"> <li>• Myopia</li> <li>• Hyperopia</li> <li>• Astigmatism</li> <li>• Presbyopia</li> <li>• Keratoconus</li> <li>• Pellucid Marginal Degeneration</li> <li>• Post Penetrating Keratoplasty</li> <li>• Post RK</li> <li>• Post Lasik</li> </ul>	Oxygen Permeability (Dk*)	58	Chord Diameter Range
Refractive Index		1.429	Center Thickness Range	0.07 to 0.65mm
Hardness (Shore D)		81	Base Curve Range	4.00 to 11.50mm
Specific Gravity		1.24	Power Range	-20.00 to +20.00D
Wetting Angle**		98/29	Add Powers	+1.00 to +4.00D
Light Transmittance*** [Average %T (380-780nm)]		88	Water Content	< 1%

\*ISO/Fatt Method:  $DkUnits = \times 10^{-11} \text{ (cm}^3 \text{ O}_2 \text{ (cm) / (sec (cm}^2 \text{) (mmHg)) @ 35}^\circ\text{C}$ ; \*\*Sessile Drop per ANSI Z80.20, 8.11; \*\*\*ISO8599: 1994

Available Tints	Standard Diameter			
	Blue	Green	Ice Blue	Grey
ACUITY 58 (enlufoccon B)	✓	✓	✓	✓

# Acuity 18 (enlufoccon A)

Indications	Characteristics		Lens Parameters	
	<ul style="list-style-type: none"> <li>• Myopia</li> <li>• Hyperopia</li> <li>• Astigmatism</li> <li>• Presbyopia</li> <li>• Keratoconus</li> <li>• Pellucid Marginal Degeneration</li> <li>• Post Penetrating Keratoplasty</li> <li>• Post RK</li> <li>• Post Lasik</li> </ul>	Oxygen Permeability (Dk*)	21	Chord Diameter Range
Refractive Index		1.445	Center Thickness Range	0.07 to 0.65mm
Hardness (Shore D)		84	Base Curve Range	4.00 to 9.50mm
Specific Gravity		1.22	Power Range	-20.00 to +20.00D
Wetting Angle**		88/25	Add Powers	+1.00 to +3.75D
Light Transmittance*** [Average %T (380-780nm)]		83	Water Content	< 1%

\*ISO/Fatt Method:  $DkUnits = \times 10^{-11} \text{ (cm}^3 \text{ O}_2 \text{ (cm) / (sec (cm}^2 \text{) (mmHg)) @ 35}^\circ\text{C}$ ; \*\*Sessile Drop per ANSI Z80.20, 8.11; \*\*\*ISO8599: 1994

Available Tints	Standard Diameter			
	Blue	Green	Ice Blue	Grey
ACUITY 18 (enlufoccon A)	✓	✓	✓	✓