

2011 Contact Lenses & Solutions SUMMARY

Compiled by Paul White, OD

The New England College of Optometry, Boston, Massachusetts

Sponsored by



A supplement to the July 2011 Issue of

Contact Lens
SPECTRUM



DIVISION OF
Johnson & Johnson Vision Care, Inc.

Dear Colleague:

VISTAKON®, Division of Johnson & Johnson Vision Care, Inc. is pleased to once again sponsor the *Contact Lenses and Solutions Summary (CLASS)* supplement. We continue to believe that this CLASS supplement serves as a valued source of information. As in past years, the 2011 version of CLASS appears as a supplement to the July issue of *Contact Lens Spectrum*, and can also be viewed at www.clspectrum.com/class.

We thank Dr. Paul White and the employees at *Contact Lens Spectrum* for their efforts in compiling the extensive amount of data found in this publication. We also express our gratitude to our colleagues around the world for their ongoing support of our ACUVUE® Brand family of products.

As part of our ongoing commitment to vision care, we are actively investing in contact lens research and development, so that we can continue to develop innovative new products for clinical practice. As manufacturers, we also see it as our responsibility to clearly articulate the evidence and clinical experience behind them so that you can prescribe every ACUVUE® Brand lens with great confidence.

Johnson & Johnson Vision Care, Inc. is dedicated to bringing "*Healthy Vision to Everyone, Everywhere, Everyday.*" That is why our commitment to optometry, optometrists, and patients extends beyond our products.

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THE VISION CARE INSTITUTE™, LLC, a Johnson & Johnson Company (www.tvci.edu.com) is an innovative professional resource for eye care providers that offers participants a rare opportunity to experience the latest in vision diagnostic and treatment technologies through hands-on instruction, including training on contact lens fitting and prescribing. THE VISION CARE INSTITUTE™ has reached over 42,000 professionals worldwide and has committed millions of dollars to programs such as Optometry's Career Center®, ProjectSEE, and to InfantSEE®, a no-cost public health program designed to ensure that eye and vision care become an integral part of infant wellness and improve a child's quality of life.

We welcome any comments you would like to share with us about our products, programs and/or policies. We can be reached at: PA@its.ini.com.

With warmest regards,

A handwritten signature in black ink that reads "Colleen Riley". The signature is fluid and cursive, with a large loop at the end of the last name.

Colleen M. Riley, OD, MS, FAAO

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To the Contact Lens Practitioner

Contact Lenses & Solutions Summary's goal is to provide you with a concise, easy-to-use, chairside informational source to aid in patient care decision-making. It follows the K.I.S.S. philosophy - keep it simple and streamlined. We have incorporated list prices for soft contact lenses, however **these prices are approximate**, and are provided as a guideline. For exact pricing, costs for atypical powers or other parameters, warranty or exchange policies, or for more information about products, contact the manufacturers and distributors listed on Page 29.

To provide you with a method to compare lens designs, we've taken the liberty of standardizing manufacturers' descriptions of their lens parameters. Unless otherwise indicated, center thickness specified is for average minus power. We've arranged lenses by brand name rather than by company because that's how we refer to them in practice. In addition, ongoing corporate acquisitions make brand identification a more consistent system as all names are registered or trademarked.

In addition to registered or trademarked names, each material has a generic name. Because an understanding of generic hydrogel materials is important as it relates to disinfection systems and Dk values, **please take a moment to read the information under Hydrogel and Silicone Hydrogel Lens General Considerations on Page 5.**

Due to the growing popularity of silicone hydrogel contact lens prescribing and in response to reader requests, we have made the words **Silicone hydrogel** bold in all silicone hydrogel lens listings to make those listings easier to locate.

We trust the *Contact Lenses & Solutions Summary* continues to fulfill your needs. It is made possible through an educational grant from VISTAKON, Division of Johnson & Johnson Vision Care, Inc.

Paul White, OD

P.S. A PDF of *Contact Lenses & Solutions Summary* is available for download at <http://www.clspectrum.com/CLASS>.

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Diopters to Radius of Curvature Conversion Table

D.R.	D.R.	D.R.	D.R.	D.R.	D.R.	D.R.
36.00-9.37	39.00-8.65	42.00-8.03	45.00-7.50	48.00-7.03	51.00-6.61	54.00-6.25
36.12-9.33	39.12-8.62	42.12-8.01	45.12-7.48	48.12-7.01	51.12-6.60	54.12-6.23
36.25-9.30	39.25-8.59	42.25-7.98	45.25-7.45	48.25-6.99	51.25-6.58	54.25-6.22
36.37-9.27	39.37-8.57	42.37-7.96	45.37-7.43	48.37-6.97	51.37-6.56	54.37-6.20
36.50-9.24	39.50-8.54	42.50-7.94	45.50-7.41	48.50-6.95	51.50-6.55	54.50-6.19
36.62-9.21	39.62-8.51	42.62-7.91	45.62-7.39	48.62-6.94	51.62-6.53	54.62-6.17
36.75-9.18	39.75-8.49	42.75-7.89	45.75-7.37	48.75-6.92	51.75-6.52	54.75-6.16
36.87-9.15	39.87-8.45	42.87-7.87	45.87-7.35	48.87-6.90	51.87-6.50	54.87-6.15
37.00-9.12	40.00-8.43	43.00-7.84	46.00-7.33	49.00-6.88	52.00-6.49	55.00-6.13
37.12-9.09	40.12-8.41	43.12-7.82	46.12-7.31	49.12-6.87	52.12-6.47	55.12-6.12
37.25-9.06	40.25-8.38	43.25-7.80	46.25-7.29	49.25-6.85	52.25-6.46	55.25-6.10
37.37-9.03	40.37-8.36	43.37-7.78	46.37-7.27	49.37-6.83	52.37-6.44	55.37-6.09
37.50-9.00	40.50-8.33	43.50-7.75	46.50-7.25	49.50-6.81	52.50-6.42	55.50-6.08
37.62-8.97	40.62-8.30	43.62-7.73	46.62-7.23	49.62-6.80	52.62-6.41	55.62-6.06
37.75-8.94	40.75-8.28	43.75-7.71	46.75-7.21	49.75-6.78	52.75-6.39	55.75-6.05
37.87-8.91	40.87-8.25	43.87-7.69	46.87-7.20	49.87-6.76	52.87-6.38	55.87-6.04
38.00-8.88	41.00-8.23	44.00-7.67	47.00-7.18	50.00-6.75	53.00-6.36	
38.12-8.85	41.12-8.20	44.12-7.64	47.12-7.16	50.12-6.73	53.12-6.35	
38.25-8.82	41.25-8.18	44.25-7.62	47.25-7.14	50.25-6.71	53.25-6.33	
38.37-8.79	41.37-8.15	44.37-7.60	47.37-7.12	50.37-6.70	53.37-6.32	
38.50-8.76	41.50-8.13	44.50-7.58	47.50-7.10	50.50-6.68	53.50-6.30	
38.62-8.73	41.62-8.10	44.62-7.56	47.62-7.08	50.62-6.66	53.62-6.29	
38.75-8.70	41.75-8.08	44.75-7.54	47.75-7.06	50.75-6.65	53.75-6.27	
38.87-8.68	41.87-8.06	44.87-7.52	47.87-7.05	50.87-6.63	53.87-6.26	

Vertex Distance Table

Average 12 mm DISTANCE

MINUS Left-Right - +	MINUS Left-Right - +	PLUS Right-Left - +	PLUS Right-Left - +
5.00 = 4.75	8.00 = 7.37	12.75 = 11.00	20.00 = 16.50
5.12 = 4.87	8.12 = 7.50	13.00 = 11.25	21.00 = 17.00
5.37 = 5.00	8.25 = 7.62	13.50 = 11.50	22.00 = 17.50
5.50 = 5.12	8.50 = 7.75	13.75 = 11.75	23.00 = 18.00
5.62 = 5.25	8.75 = 8.00	14.00 = 12.00	24.00 = 18.50
5.75 = 5.37	9.00 = 8.25	14.25 = 12.25	24.50 = 19.00
5.87 = 5.50	9.25 = 8.37	14.75 = 12.50	25.50 = 19.50
6.00 = 5.62	9.50 = 8.62	15.00 = 12.75	26.00 = 20.00
6.12 = 5.75	9.75 = 8.75	15.50 = 13.00	27.50 = 21.00
6.37 = 5.87	10.00 = 9.00	15.75 = 13.25	28.50 = 22.00
6.50 = 6.00	10.25 = 9.12	16.25 = 13.50	30.00 = 23.00
6.62 = 6.12	10.50 = 9.25	16.75 = 13.75	31.00 = 24.00
6.75 = 6.25	10.75 = 9.37	17.00 = 14.00	33.00 = 25.00
6.87 = 6.37	11.00 = 9.62	17.25 = 14.25	35.00 = 26.00
7.00 = 6.50	11.25 = 9.75	17.62 = 14.37	38.00 = 27.00
7.12 = 6.62	11.50 = 10.00	18.00 = 14.50	41.00 = 28.00
7.37 = 6.75	11.75 = 10.25	18.12 = 14.75	43.00 = 29.00
7.50 = 6.87	12.00 = 10.37	18.50 = 15.00	45.00 = 30.00
7.62 = 7.00	12.50 = 10.75	18.75 = 15.25	
7.75 = 7.12		19.00 = 15.50	
7.87 = 7.25		19.50 = 16.00	

Soft Contact Lenses

Hydrogel and Silicone Hydrogel Lens General Considerations

The FDA gives each contact lens material a generic name. In general, all hydrogel and silicone hydrogel lens generic names end in the suffix “filcon” and all nonhydrogel lenses end in “focon.”

Hydrogel lenses are categorized into four groupings for purposes of evaluating effects of accessory products upon the lens material. Lenses with less than 50 percent water content are considered to be “low water” and the others are “high water.” Less reactive surfaces are termed “nonionic” and more reactive materials are labeled “ionic.” Silicone hydrogel lenses are low water.

Disinfection of hydrogel and silicone hydrogel lenses can usually be done safely and effectively by approved chemical or hydrogen peroxide systems. However, some Group 4 ionic polymers may react negatively with potassium sorbate- or sorbic acid-preserved solutions.

In the term Dk, D stands for diffusion and k for solubility. The oxygen permeability of hydrogel lenses is almost entirely the result of solubility and for GP materials almost entirely the result of diffusion. In silicone hydrogel materials, oxygen permeability is a combination of solubility and diffusion, with the larger amount from diffusion. That is, the hydrogel component in the formulation

provides solubility and the silicone component provides diffusion. Each generic material below is accompanied by a representative Dk number.

A clinically useful approximation is to consider Dk values for **hydrogel lenses** in three groups:

H ₂ O	Dk
38±%	9±
55±%	18±
75±%	36±

It is also important to remember that Dk/t (central transmissibility) and Dk/√t (average overall transmissibility) are dependent upon contact lens thickness configuration and are more important than Dk with hydrogel lenses. With silicone hydrogel contact lenses, Dk/t and Dk/√t are more similar than with hydrogel lenses.

This table should assist you in identifying specific lenses in each category as related to disinfection and Dk; and it will also help you determine an appropriate mix of lens types for your practice.

GROUP 1

Low Water (<50% H₂O)

Nonionic Hydrogel Polymers

tefilcon (38%) (Dk = 8.9)

- Illusions
- STD
- Softint
- LL Bifocal

tetrafilcon A (43%) (Dk = 9)

- Cooper Clear
- Preference
- Cooper Toric
- Preference Toric

helfilcon A&B (45%) (Dk = 12)

- Continental Toric
- Flexlens Aphakic
- Flexlens
- Optima Toric
- Flexlens Toric

mafilcon (33%) (Dk = 4)

- Menicon

polymacon (38%) (Dk = 9)

- Allvue
- LL38
- Biomedics 38
- Metrosoft II Multifocal
- CustomEyes 38
- Metrosoft Toric
- EpconSOFT
- Natural Touch
- Esstech PS
- Occasions
- Esstech PSD
- Optima 38
- Esstech SV
- PS-45 Multifocal
- HD
- Simulvue 38
- HD-T
- Sof-form II
- HDX
- Soflens
- HDX-T
- Soflens 38
- Horizon 38
- Soflens Multifocal
- LifeStyle MV2
- Softics
- Ideal Soft
- SoftView
- LifeStyle Xtra
- Unilens 38
- LifeStyle 4Vue
- Westhin Toric
- LifeStyle Toric Bifocal

hioxifilcon B (49%) (Dk = 15)

- Alden HP
- Flexlens
- Alden HP Toric
- Quattro
- Aquaease
- Satureyes
- Essential Soft Toric Multifocal
- Satureyes Toric and Multifocal

Note: All X-Cel lenses are available in helfilcon A, hioxifilcon A, hioxifilcon B, and methafilcon A.

Silicone Hydrogel Polymers

lotrafilcon A (24%) (Dk = 140)

- Air Optix Night & Day Aqua

lotrafilcon B (33%) (Dk = 110)

- O₂Optix
- Air Optix Aqua
- Air Optix for Astigmatism
- Air Optix Aqua Multifocal

galyfilcon A (47%) (Dk = 60)

- Acuvue Advance
- Acuvue Advance for Astigmatism
- Acuvue Advance Plus

narafilcon B (48%) (Dk = 55)

- 1-Day Acuvue TruEye

senofilcon A (38%) (Dk = 103)

- Acuvue Oasys
- Acuvue Oasys for Astigmatism
- Acuvue Oasys for Presbyopia

sifilcon A (32%) (Dk = 82)

- O₂Optix Custom

comfilcon A (48%) (Dk = 128)

- Biofinity
- Biofinity Toric

enfilcon A (46%) (Dk = 100)

- Avaira
- Avaira Toric

efrofilcon A (74%) (Dk = 60)

- C-Vue Hydravue
- C-Vue Hydravue Custom Toric
- C-Vue Hydravue Multifocal
- C-Vue Hydravue Toric Multifocal

GROUP 2

High Water (>50% H₂O)

Nonionic Hydrogel Polymers

lidofilcon A (70%) (Dk = 31)

- ActiFresh 400
- CV 70

alfafilcon A (66%) (Dk = 32)

- Soflens Toric

omafilcon A (59%) (Dk = 33)

- Biomedics XC
- Proclear 1-Day
- Proclear EP
- Proclear Multifocal
- Proclear Multifocal Toric
- Proclear Sphere
- Proclear Toric

vasurfilcon A (74%) (Dk = 39.1)

- Precision UV

hioxifilcon A (59%) (Dk = 28)

- Alden HP 59 Sphere
- Extreme H₂O 59% Thin
- Extreme H₂O 59% Extra

hioxifilcon D (54%) (Dk = 21)

- Clarity H₂O
- C-Vue Advanced Custom Toric
- Extreme H₂O 54%
- Extreme H₂O 54% Toric

nelfilcon A (69%) (Dk = 26)

- Dailies AquaComfort Plus
- Focus Dailies
- Focus Dailies Toric
- Focus Dailies Progressive
- FreshLook One-Day
- Synergy
- Triton

hilafilcon B (59%) (Dk = 22)

- SofLens Daily Disposable

acofilcon A (58%) (Dk = 25.5)

- Flexlens Tricurve Keratoconus

GROUP 3

Low Water (<50% H₂O)

Ionic Hydrogel Polymers

bufilcon A (45%) (Dk = 16)

- Hydrocurve II 45
- Soft Mate B

deltafilcon A (43%) (Dk = 10)

- Amsoft
- Amsoft Thin
- Comfort Flex
- Custom Flex
- Metrosoft
- Soft Form Toric

phemfilcon A (38%) (Dk = 9)

- DuraSoft 2
- DuraSoft 2 Optifit

Silicone Hydrogel Polymers

balafilcon A (36%) (Dk = 112)

- PureVision
- PureVision Multi-Focal
- PureVision Toric

GROUP 4

High Water (>50% H₂O)

Ionic Hydrogel Polymers

perfilcon (71%) (Dk = 34)

- Permalens
- Permalens XL
- Permalens Therapeutic
- Permalens Aphakic

etafilcon A (58%) (Dk = 28)

- Acuvue
- Acuvue 2
- 1-Day Acuvue
- Acuvue 2 Colours
- 1-Day Acuvue Moist
- Acuvue Bifocal

focofilcon A (55%) (Dk = 16)

- Fre-Flex

ocufilcon B (53%) (Dk = 16)

- ClearSight 1 Day
- Continental
- Ocu-Flex 53

ocufilcon C (55%) (Dk = 16)

- UCL 55
- UCL-Pediatric

ocufilcon D (55%) (Dk = 19.7)

- Biomedics 55
- ClearSight 1 Day Toric
- Biomedics 55 Premier Toric
- Biomedics Toric

ocufilcon E (65%) (Dk = 22)

- OcuFlex 65

ocufilcon F (60%) (Dk = 24.3)

- Hydrogenics 60 UV

phemfilcon A (55%) (Dk = 16)

- DuraSoft 3
- Freshlook Colorblends
- DuraSoft 3 Optifit
- Freshlook
- Freshlook Toric
- Wildeyes

methafilcon A (55%) (Dk = 18)

- Alden Classics
- Alden Classics Toric
- Biocurve Advanced Aspheric
- Biocurve 1-Day
- Biocurve Toric & Sphere
- C-Vue 1 Day ASV
- C-Vue 55

Edge III 55

- Elite AC
- Elite Daily
- Elite AC Toric
- Flexlens
- Frequency 55 Sphere & Multifocal

HD2

- HDX2
- Horizon 55 Bi-Con
- Kontur
- LL 55
- New Horizons

- Safigel 1 Day
- Sauflon 55 UV
- Sauflon 55 Asphere
- Sof-form 55

- Vertex Sphere
- Vertex Toric

methafilcon B (55%) (Dk = 18)

- Frequency 55 Toric
- Hydrasoft Sphere
- Hydrasoft Toric

vifilcon A (55%) (Dk = 16)

- Focus 1-2 Week Softcolors
- Focus Monthly Softcolors
- Soft 55
- Soft 55 EW

Spherical Clear and Visibility Tint Disposable and/or Planned Replacement Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Thickness	Diameters	Base Curves	Powers	Price
1-DAY ACUVUE ⁽¹⁾	Vistakon	HEMA/MA Visibility tint UV blocker	58	0.084	14.2	8.5, 9.0	-12 to +6 0.50D steps beyond -6	30-pack/17.00
1-DAY ACUVUE MOIST ⁽¹⁾	Vistakon	HEMA/MA Visibility tint UV blocker	58	0.084	14.2	8.5, 9.0	-12 to +6 0.50D steps beyond -6	30-pack/17.00 90-pack/43.50
1-DAY ACUVUE TRUEYE ⁽¹⁾	Vistakon	Silicone hydrogel Visibility tint, UV blocker Hydraclear 1 Technology	48	0.085	14.2	8.5	-12 to +6 0.50D steps beyond -6	30-pack/22.25 90-pack/57.00
ACUVUE ^(1,2,3)	Vistakon	HEMA/MA Visibility tint UV blocker	58	0.07	14.0	8.4	-9 to -0.50 -11 to -0.50 +0.50 to +8	6-pack/15.00
ACUVUE 2 ^(1,2,3)	Vistakon	HEMA/MA Visibility tint UV blocker	58	0.084	14.0	8.3, 8.7	-12 to +8 0.50D steps beyond ±6	6-pack/13.50
ACUVUE ADVANCE ^(1,2)	Vistakon	Silicone hydrogel Visibility tint, UV blocker Hydraclear Technology	47	0.07	14.0	8.3, 8.7	-12 to +8 0.50D steps beyond ±6	6-pack/18.75
ACUVUE ADVANCE PLUS ^(1,2)	Vistakon	Silicone hydrogel Visibility tint, UV blocker Hydraclear Technology, Ultra-Clean Technology	47	0.097	14.0	8.3, 8.7	-12 to +8 0.50D steps beyond ±6	6-pack/16.25 24-pack/54.25
ACUVUE OASYS ^(1,2,3)	Vistakon	Silicone hydrogel Visibility tint, UV blocker Hydraclear Plus Technology	38	0.07	14.0	8.4, 8.8	-12 to +8 0.50D steps beyond ±6 Plano bandage lens in 8.4 and 8.8 base curves	6-pack/20.25
AIR OPTIX AQUA ^(2,3)	Ciba Vision	Silicone hydrogel Visibility tint	33	0.08	14.2	8.6	-10 to -0.25 +0.25 to +6	6-pack/26.75
AIR OPTIX NIGHT & DAY AQUA ^(2,4)	Ciba Vision	Silicone hydrogel Visibility tint	24	0.08	13.8	8.4, 8.6	-10 to +8	6-pack/45.25
ALDEN CLASSIC 38 ⁽²⁾	Alden Optical Lab	HEMA	38	0.10	10.0 to 16.0, 0.1 steps	6.5 to 9.7 0.1 steps	-10 to +10 ±10.25 to ±30	4-pack/60.00 6-pack/78.00 4-pack/100.00 6-pack/130.00
ALDEN CLASSIC 55 ⁽²⁾	Alden Optical Lab	HEMA	55	0.10	10.0 to 16.0, 0.1 steps	6.5 to 9.7 0.1 steps	-10 to +10 ±10.25 to ±30	4-pack/60.00 6-pack/78.00 4-pack/100.00 6-pack/130.00
ALDEN HP 49 SPHERE ⁽²⁾	Alden Optical Lab	GMA/HEMA	49	0.10	10.0 to 16.0, 0.1 steps	6.5 to 9.7 0.1 steps	-10 to +10 ±10.25 to ±30	4-pack/60.00 6-pack/78.00 4-pack/100.00 6-pack/130.00
ALDEN HP 59 SPHERE ⁽²⁾	Alden Optical Lab	GMA/HEMA	59	0.10	10.0 to 16.0, 0.1 steps	6.5 to 9.7 0.1 steps	-10 to +10 ±10.25 to ±30	4-pack/60.00 6-pack/78.00 4-pack/100.00 6-pack/130.00
AVAIRA ⁽²⁾	CooperVision	Silicone hydrogel	46	0.08	14.2	8.5 8.4	-12 to -0.25 +0.25 to +8	6-pack/19.25
BIOCURVE 1-DAY ⁽¹⁾	Optical Connection	HEMA	55	0.07	14.2	8.6	-8 to +6	30-pack/12.99 90-pack/38.97
BIOCURVE ADVANCED ASPHERIC ^(1,2)	Optical Connection	HEMA	55	0.06	14.3	8.4, 8.7	-12 to +8	6-pack/15.99 Elite 10.99
BIOCURVE APHAKIC ⁽²⁾	Biocurve/ GP Specialists	HEMA	55	0.15	14.0 14.5 15.0	8.4 to 8.8 8.4 to 9.0 8.6 to 9.2	+10 to +20 Spare 28.99, 3-pack/86.99	First lens 59.99, 4-pack/111.99
BIOCURVE SPHERE ⁽³⁾	Biocurve/ GP Specialists	HEMA	55	0.06	14.0 14.5 15.0	8.4 to 8.8 8.4 to 9.0 8.6 to 9.2	-20 to +10	First lens 39.99 Spare lens 19.99 3-pack/56.99 4-pack/71.99
BIOFINITY ^(2,3)	CooperVision	Silicone hydrogel	48	0.08	14.0	8.6	-12 to +8	6-lens carton/28.00
BIOMEDICS 38 ^(1,3)	CooperVision	HEMA Visibility tint	38	0.04	14.0	8.6	-10 to -0.25	6-pack/18.00
BIOMEDICS 55 PREMIER ^(1,3)	CooperVision	HEMA Visibility tint UV blocker	55	0.07	14.2	8.6, 8.8 (+), 8.9 (-)	-10 to +6	6-pack/17.00
BIOMEDICS 55 UV ⁽¹⁾	CooperVision	HEMA Visibility tint UV blocker	55	0.07	14.2	8.6, 8.9 8.8	-10 to -0.25 +0.25 to +6	6-pack/16.00
BIOMEDICS XC ⁽¹⁾	CooperVision	HEMA/PC Visibility tint	60	0.075	14.2	8.5	-10 to +6 0.50D steps >-6 and +5	6-pack/16.00
CLARITY H ₂ O ⁽¹⁾	Hydrogel Vision Corp.	GMA/HEMA	54	0.085	14.0	Median Flat Steep	-10 to +6 -6 to -0.25 -10 to -0.25	6-pack/23.95 to 27.95 12-pack/35.95 to 41.95

(1) Disposable (2) Planned Replacement (3) Extended Wear (EW) Approval (4) Continuous Wear (CW) Approval

Spherical Clear and Visibility Tint Disposable and/or Planned Replacement Hydrogels - continued

Trade Name	Manufacturer	Material	%H ₂ O	Thickness	Diameters	Base Curves	Powers	Price
CLEARIGHT 1 DAY ⁽¹⁾	CooperVision	HEMA	52	0.07	14.2	8.7	-10 to +6 0.50D steps >-6 and +5	30-pack/14.75 90-pack/36.50
C-VUE ADVANCED HYDRAVUE SINGLE VISION	Unilens Corp USA	Silicone hydrogel	74		12.0 to 16.0 (14.5, 15.0 std.)	8.0 to 9.5 (8.2, 8.5, 8.8, 9.1 std.)	+20 to -20	6-pack/160.00 Trial/20.00
C-VUE 55 ASPHERIC ⁽²⁾	Unilens Corp USA	HEMA	55	0.08	14.2	8.5	-12 to +8	6-pack/12.50
C-VUE 1 DAY ASV ⁽¹⁾	Unilens Corp USA	HEMA	55	0.065	14.2	8.5	-8 to +4	30-pack/15.50 90-pack/34.00 Bank programs available for less
DAILIES AQUACOMFORT PLUS ⁽¹⁾	Ciba Vision	PVA Visitint	69	0.10	14.0	8.7	-10 to -0.50 +0.50 to +6	30-pack/14.95 90-pack/37.30
DEFINITION AC ⁽²⁾	Optical Connection	HEMA	55	0.08	14.2	8.3, 8.6	-12 to +8	6-pack/14.00
DEFINITION AC EVERYDAY ⁽¹⁾	Optical Connection	HEMA	55	0.065	14.2	8.6	-8 to +4	30-pack/12.50
ELITE ⁽²⁾	Ocu-Ease/Optech	HEMA	55	Varies	14.2	8.4, 8.8	-12 to +8	6-pack/11.50
ELITE AC DISPOSABLES ⁽¹⁾	Ocu-Ease/Optech	HEMA	55	Varies	14.2	8.3, 8.6	-12 to +8	6-pack/12.50
ELITE DAILY ⁽¹⁾	Ocu-Ease/Optech	HEMA	55	Varies	14.2	8.6	-8 to +4	30-pack/14.50 90-pack/35.50
EXTREME H ₂ O 59% THIN ⁽¹⁾	Hydrogel Vision Corp.	GMA/HEMA	59	0.08	14.2	8.6	-8 to +6	6-pack/15.40 to 20.90
EXTREME H ₂ O 59% XTRA ⁽¹⁾	Hydrogel Vision Corp.	GMA/HEMA	59	0.14	14.2	8.3 8.6	-8 to -0.25 -10 to +6	6-pack/17.95 to 21.95
EXTREME H ₂ O 54% ⁽¹⁾	Hydrogel Vision Corp.	GMA/HEMA	54	0.08	13.6 14.2	8.6 8.6	-12 to +6 -11 to +6	6-pack/18.85 to 19.95 12-pack/25.95 to 30.95
FLEXLENS	X-Cel Contacts	HEMA/NVP	45, 49, 55, 59	varies	13.5 to 15.0 8.0 to 16.0	8.0 to 9.2 (0.1) 5.0 to 11.0	-10 to +10 -50 to +50	First lens/28.00 3-pack/42.00 12-pack/60.00
FOCUS DAILIES ⁽¹⁾	Ciba Vision	PVA AquaRelease, visitint	69	0.10 0.146	13.8 13.8	8.6 8.6	-10 to -0.50 +0.50 to +6	90-pack/32.95 30-pack/13.85
FREQUENCY 55 ⁽²⁾ ASPHERIC	CooperVision	HEMA Handling tint	55	0.09	14.4	8.4 8.7	-8 to -0.25 -10 to +8	6-pack/18.00
FREQUENCY 55 ^(2,3)	CooperVision	HEMA Handling tint	55	0.07	14.2	8.4, 9.0 8.7	-8 to -0.25 -10 to +8	6-pack/17.00
FRESHLOOK HANDLING TINT ^(1,2,3)	Ciba Vision	HEMA/MMA Handling tint	55	0.08	14.5	8.6	-8 to +6 0.50 steps >-6 and +2	6-pack/16.80
HD ⁽²⁾	PolyVue	HEMA Handling tint	38	0.08	14.0	8.6	-10 to +6	Single lens/24.00 Multipack (3+1)/72.00
HD2 ⁽²⁾	PolyVue	HEMA Handling tint	55	0.10	14.2	8.6	-10 to +8	6-pack/32.00
HYDRASOFT SPHERE OPTIONS ⁽²⁾	CooperVision	HEMA	55	0.07	14.2 15.0	8.3, 8.6 8.6, 8.9, 9.2	-20 to +10	4-pack/80.50
INTELLIWAVE ASPHERIC ⁽²⁾	Art Optical Contact Lens	Silicone hydrogel HEMA with handling tint	74 49	MTO	MTO	MTO	-20 to +20	Diagnostic lens/30.00 4-pack/60.00 Diagnostic lens/30.00 2-pack/30.00
METROLITE PLANNED REPLACEMENT ⁽²⁾	Metro Optics of Austin	HEMA Light blue	38	0.10	13.5	8.3, 8.6, 8.9	Plano to ±10 >±10	4-pack/68.00 4-pack/74.00
METROLITE M SERIES PLANNED REPLACEMENT ⁽²⁾	Metro Optics of Austin	HEMA Light blue	38	0.06	14.0	8.7	-7 to Plano	4-pack/68.00
METROSOFT II PLANNED REPLACEMENT ⁽²⁾	Metro Optics of Austin	HEMA	38	0.10	13.5	8.3, 8.6, 8.9	Plano to ±10 >±10	4-pack/65.00 4-pack/74.00
METROSOFT II M SERIES PLANNED REPLACEMENT ⁽²⁾	Metro Optics of Austin	HEMA	38	0.06	14.0	8.7	-7 to Plano	4-pack/65.00
NEW HORIZONS ⁽²⁾	Westcon	HEMA	55		14.2	8.6	-12 to +8	6-pack/14.00
O ₂ OPTIX ^(2,3)	Ciba Vision	Silicone hydrogel Visibility tint	33	0.08	14.2	8.6	-10 to -0.25 +0.25 to +6	6-pack/17.40
O ₂ OPTIX CUSTOM ⁽²⁾	Ciba Vision	Silicone hydrogel Light green visibility tint	32	0.07	13.2 14.0 14.8	7.4, 7.7, 8.0, 8.3 7.8, 8.1, 8.4, 8.7, 9.0 8.0, 8.3, 8.6, 8.9, 9.2	-20 to +20	Single diagnostic/ 50.00 4-pack/110.00
OCU-FLEX 55 ⁽²⁾	Ocu-Ease/Optech	HEMA	55		14.0, 14.5, 15.0	8.2 to 8.8 (0.1)	-20 to +10	3-pack/53.55 4-pack/71.40
PRECISION UV ^(1,2,3)	Ciba Vision	MA/PVP Visibility tint, UV blocker	74	0.14	14.4	8.4 8.7	-10 to +8 -16 to +10	6-pack/17.60
PREFERENCE ⁽²⁾	CooperVision	HEMA/NVP/MMA Handling tint	43	0.04	14.4	8.4, 8.7	-10 to -0.25 0.50D steps >-6	4-pack/52.50

(1) Disposable (2) Planned Replacement (3) Extended Wear (EW) Approval (4) Continuous Wear (CW) Approval

Spherical Clear and Visibility Tint Disposable and/or Planned Replacement Hydrogels - continued

Trade Name	Manufacturer	Material	%H ₂ O	Thickness	Diameters	Base Curves	Powers	Price
PREFERENCE STANDARD ⁽²⁾	CooperVision	HEMA/NVP/MMA Handling tint	43	0.07	14.0	8.3, 8.6	-10 to Plano	4-pack/52.50
					14.4	8.7	-10 to -0.25	
PROCLEAR ⁽²⁾	CooperVision	HEMA/PC Handling tint	62	0.065	14.2	8.6	-20 to +20 -10 to Plano	6-pack/27.50
PROCLEAR 1 DAY ⁽¹⁾	CooperVision	HEMA/PC	60	0.09	14.2	8.7	-12 to +8	90-pack/39.00 30-pack/16.75
							0.50D steps >-6	
PUREVISION ^(2,4)	Bausch + Lomb	Silicone hydrogel Visibility tint	36	0.09	14.0	8.3	-6 to -0.25	6-pack/28.50
						8.6	-12 to +6	
PUREVISION2 HD ^(2,4)	Bausch + Lomb	Silicone hydrogel Visibility tint	36	0.07	14.0	8.6	-12 to +6	6-pack/30.50
SAFIGEL 1 DAY ⁽¹⁾	Safigel	HEMA/HA UV blocker	55	0.08	14.0	8.6	-8 to +4	30-pack/16.50
SATUREYES ⁽²⁾	Metro Optics of Austin	GMA/HEMA	59	0.07	14.2	8.1, 8.4, 8.7	-10 to +10	4-pack/75.00
SAUFLON 55 ASPHERIC ⁽²⁾	Sauflon Pharmaceuticals	HEMA Handling tint	55	0.07	14.4	8.7	-10 to +8	6-pack/12.50
SAUFLON 55 UV ⁽²⁾	Sauflon Pharmaceuticals	HEMA Handling tint	55	0.07	14.2	8.6 (-) 8.8 (+)	-10 to +8	6-pack/11.00
SOFLENS 38 ^(2,3)	Bausch + Lomb	HEMA Visibility tin	38	0.035	14.0	8.4, 8.7, 9.0	-9 to +4	6-pack/13.25
SOFLENS DAILY DISPOSABLE ⁽¹⁾	Bausch + Lomb	HEMA Visibility tint	59	0.09	14.2	8.6	-9 to +6.50 0.50D steps above -6.50	90-pack/35.50
SPECIALEYES ⁽²⁾	SpecialEyes	HEMA Visibility tint	59	0.1 to 0.3	12.5 to 16.0 (0.1 steps)	6.9 to 9.5 (0.1 steps)	-25 to +25	Single/18.00 4-pack vials/72.00 6-pack/108.00
					12.5 to 16.0 (0.1 steps)	6.9 to 9.5 (0.1 steps)	-25 to +25	Single/18.00 4-pack vials/72.00 6-pack/108.00
SYNERGY QUARTERLY REPLACEMENT SPHERE ⁽²⁾	Gelflex Laboratories	HEMA	38	0.07	14.5, 15.0	8.0 to 9.2 (0.2)	-20 to +20	Call for pricing
		GMA/HEMA	49	0.07	14.3, 14.8,	8.0, 8.3, 8.6,	-20 to +20	
		HEMA/NVP	55		15.3	8.9, 9.2		
UCL PLANNED REPLACEMENT ⁽²⁾	United	HEMA	55	0.08	14.0, 14.5, 15.0	8.3, 8.6, 8.9, 9.2	-20 to +20	Call for pricing
		Visibility tint	46	0.08	14.0, 14.5, 15.0	8.2, 8.5, 8.8	-20 to +20	
VERTEX SPHERE ⁽¹⁾	CooperVision	HEMA Visibility tint	55	0.07	14.2	8.3, 8.9	-8 to -0.25	6-pack/16.00
						8.6	-10 to -0.25	
						14.3	8.8	

(1) Disposable (2) Planned Replacement (3) Extended Wear (EW) Approval (4) Continuous Wear (CW) Approval

Disposable and/or Planned Replacement Tinted Enhancer and Opaque Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Thickness	Diameters	Base Curves	Powers	Price
ACUVUE 2 COLOURS ^(1,2,3)	Vistakon	HEMA/MA UV blocker	58	0.084	14.0	8.3, 8.7	-9 to +6; Plano	6-pack/21.00
		Enhancer: ocean blue, emerald green, aquamarine						
		8.3 -9 to +6; Plano 6-pack/24.00						
Opaque: deep blue, jade green, pearl gray, warm honey, chestnut brown, sapphire blue, hazel green								
ALDEN CLASSIC ⁽²⁾	Alden Optical Lab	HEMA	38	0.10	10.0 to 16.0	6.5 to 9.7	-10 to +10	4-pack/108.00
		Aqua, azure, blue, brown, gray, green, jade, walnut, yellow			0.1 steps	0.1 steps		6-pack/150.00
								±10.25 to ±30 4-pack/148.00 6-pack/202.00
ALDEN HP 49 ⁽²⁾	Alden Optical Lab	HEMA	49	0.10	10.0 to 16.0	6.5 to 9.7	-10 to +10	4-pack/108.00
		Aqua, azure, blue, brown, gray, green, jade, walnut, yellow			0.1 steps	0.1 steps		6-pack/150.00
								±10.25 to ±30 4-pack/148.00 6-pack/202.00
EXPRESSIONS ⁽²⁾	CooperVision	HEMA	55		14.4	8.7	-6 to +4	6-pack/32.50
		Gray, green, hazel, blue, aqua, blue topaz, brown, jade						
FOCUS 1-2 WEEK SOFTCOLORS ^(1,2)	Ciba Vision	HEMA/PVP/MA	55	0.06	14.0	8.4, 8.8	-6 to +4	6-pack/28.00
		Aqua, evergreen, royal blue						
FOCUS SOFTCOLORS MONTHLY ⁽²⁾	Ciba Vision	HEMA/PVA/MA	55	0.10	14.0	8.6, 8.9	-8 to +6	6-pack/38.20
		Aqua, evergreen, royal blue						
FRESHLOOK COLORBLENDS ^(1,2)	Ciba Vision	HEMA/MMA	55	0.08	14.5	Median	-8 to +6	6-pack/29.40
		Amethyst, blue, brown, gray, green, honey, pure hazel, true sapphire, turquoise, brilliant blue, gemstone green, sterling grey					0.50D steps >-6 and +2	
FRESHLOOK COLORS ^(1,2)	Ciba Vision	HEMA/MMA	55	0.08	14.5	8.6	-8 to +6	6-pack/29.40
		Blue, green, hazel, violet					0.50D steps >-6 and +2	
FRESHLOOK ONE-DAY ⁽¹⁾	Ciba Vision	PVA	69	0.10	13.8	8.6	-8 to -0.25	10-pack/10.40
		Blue, green, pure hazel, gray ColorBlends						
FRESHLOOK DIMENSIONS ^(1,2)	Ciba Vision	HEMA/MMA	55	0.08	14.5	8.6	-8 to +6	6-pack/29.40
		Caribbean aqua, Pacific blue, Sea green					0.50D steps >-6 and +2	

(1) Disposable (2) Planned replacement (3) Extended Wear (EW) Approval (4) Continuous Wear (CW) Approval

Disposable and/or Planned Replacement Tinted Enhancer and Opaque Hydrogels - *continued*

Trade Name	Manufacturer	Material	%H ₂ O	Thickness	Diameters	Base Curves	Powers	Price
METROTINT PLANNED REPLACEMENT ⁽²⁾	Metro Optics of Austin	HEMA Aqua, blue, green	38	0.10	13.5	8.3, 8.6, 8.9	Plano to ±10 >±10	4-pack/85.00 4-pack/90.00
METROTINT M SERIES PLANNED REPLACEMENT ⁽²⁾	Metro Optics of Austin	HEMA Aqua, blue, green	38	0.06	14.0	8.7	-7 to Plano	4-pack/85.00

(1) Disposable (2) Planned replacement (3) Extended Wear (EW) Approval (4) Continuous Wear (CW) Approval

Toric Disposable and/or Planned Replacement Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Spheres	Cylinders	Axis	Ballast	Price
ACUVUE ADVANCE FOR ASTIGMATISM ^(1,2)	Vistakon	Silicone hydrogel Visibility tint UV blocker Hydraclear Technology	47	14.5	8.6	-6 to Plano (0.25D steps)	-0.75, -1.25, -1.75 -2.25	Full circle 10° steps 90° ±20° 180° ±20° 10° steps 180° ±20° 90° ±20° 10° steps -2.25 180° ±20° 10° steps 90°	Accelerated Stabilization Design	6-pack/ 24.00
ACUVUE OASYS FOR ASTIGMATISM ^(1,2,3)	Vistakon	Silicone hydrogel Visibility tint UV blocker Hydraclear Plus Technology	38	14.5	8.6	-6 to Plano (0.25D steps)	-0.75, -1.25, -1.75 -2.25	Full circle 10° steps 90° ±20° 180° ±20° 10° steps 180° ±20° 90°	Accelerated Stabilization Design	6-pack/ 24.00
AIR OPTIX FOR ASTIGMATISM ^(2,3)	Ciba Vision	Silicone hydrogel Visibility tint	33	14.5	8.7	-6 to +6 (0.25D steps) -10 to -6.50 (0.50D steps)	-0.75, -1.25, -1.75, -2.25	Full circle 10° steps	Precision Balance 8 4	6-pack/37.40
ALDEN CLASSIC TORIC ⁽²⁾	Alden Optical Lab	HEMA	38	10.0 to 16.0 0.1 steps	6.5 to 9.7 0.1 steps	-10 to +10 ±10.25 to ±30	-0.25 to -10	Full circle 10° steps	Prism	4-pack/120.00 6-pack/150.00 4-pack/160.00 6-pack/200.00
ALDEN CLASSIC 55 TORIC ⁽²⁾	Alden Optical Lab	HEMA	55	10.0 to 16.0 0.1 steps	6.5 to 9.7 0.1 steps	-10 to +10 ±10.25 to ±30	-0.25 to -10	Full circle 10° steps	Prism	4-pack/120.00 6-pack/150.00 4-pack/160.00 6-pack/200.00
ALDEN HP 49 TORIC ⁽²⁾	Alden Optical Lab	GMA/HEMA	49	14.5	8.3, 8.6, 8.9	-10 to +10 ±10.25 to ±30	-0.25 to -10 -0.25 to -10	Any Any	Symmetric Stabilization	4-pack/120.00 6-pack/150.00 4-pack/160.00 6-pack/200.00
ALDEN HP 59 TORIC ⁽²⁾	Alden Optical Lab	GMA/HEMA	59	14.5	8.3, 8.6, 8.9	-10 to +10 ±10.25 to ±30	-0.25 to -10 -0.25 to -10	Any Any	Symmetric Stabilization	4-pack/120.00 6-pack/150.00 4-pack/160.00 6-pack/200.00
AVAIRA TORIC ⁽²⁾	CooperVision	Silicone hydrogel	48	14.5	8.5	-6 to Plano	-0.75, -1.25, -1.75	Full circle 10° steps		Call for price
BIOCURVE TORIC ⁽²⁾	Biocurve/ GP Specialists	HEMA	55	14.5 15.0	8.4 to 8.8 8.3 to 9.2	-6 to +3	-0.75 to -2	180° ±25° 90° ±25° 1° steps	Prism	First lens/77.99 Spare/19.99 3-pack/56.99 4-pack/71.99
				14.0 14.5 15.0	8.4 to 8.8 8.6 to 9.0 8.3 to 9.2	-20 to +10	-0.75 to -4	Full circle	Prism	First lens/82.99 Spare/19.99 3-pack/56.99 4-pack/71.99
				14.0 14.5 15.0	8.2 to 8.8 8.2 to 9.0 8.3 to 9.2	-20 to +10	-0.75 to -6.50	Full circle	Prism	First lens/98.99 Spare/19.99 3-pack/56.99 4-pack/71.99
BIOFINITY TORIC ^(2,3)	CooperVision	Silicone hydrogel	48	14.5	8.7	-10 to +8	-0.75, -1.25, -1.75, -2.25	Full circle 10° steps	Horizontal ISO thickness	6-pack/ 37.00
BIOMEDICS TORIC ^(2,3)	CooperVision	HEMA UV blocker Visibility tint	55	14.5	8.7	-9 to +6	-0.75, -1.25, -1.75, -2.25	Full circle 10° steps	Prism	6-pack/21.25
CLEAR SIGHT 1 DAY TORIC ⁽¹⁾	CooperVision	HEMA Visibility tint	55	14.5	8.7	-7 to Plano	-0.75, -1.25	180°, 160°, 20°, 90°	Prism	30-pack/25.50

(1) Disposable (2) Planned Replacement (3) Extended Wear (EW) Approval (4) Continuous Wear (CW) Approval

Toric Disposable and/or Planned Replacement Hydrogels - *continued*

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Spheres	Cylinders	Axis	Ballast	Price
CO SOFT ⁽²⁾	California Optics	HEMA	55	14.5	8.7	-10 to +10	-0.75 to -3.25	Full circle 5° steps	Prism	4-pack/65.00 to 100.00
C-VUE ADVANCED CUSTOM TORIC ⁽²⁾	Unilens	GMA/HEMA	54	14.5 15.0	8.2, 8.5, 8.8 9.1	-20 to +20	Up to -4	Full circle 1° steps		6-pack/128.50
C-VUE ADVANCED HYDRAVUE CUSTOM TORIC ⁽²⁾	Unilens	Silicone hydrogel	74	12.0 to 16.0 (14.5, 15.0 std.)	8.0 to 9.5 (8.2, 8.5, 8.8, 9.1 std.)	-20 to +20	Up to -4	Any 1° steps		6-pack/160.00 Trial/20.00
ELITE AC TORIC ⁽²⁾	Ocu-Ease/ Optech	HEMA	55	14.5	8.7	-6 to +4	-1, -1.75	Full circle 10° steps		6-pack/24.00
EXTREME H ₂ O 54% TORIC LC ⁽²⁾	Hydrogel Vision	GMA/HEMA	54	14.2	8.6	-6 to +4	LC (0.65D)	Full circle 15° steps	Prism	6-pack/19.95 to 24.95
EXTREME H ₂ O 54% TORIC MC ⁽²⁾	Hydrogel Vision	GMA/HEMA	54	14.2	8.6	-6 to +4	MC (1.25D)	Full circle 10° steps	Prism	6-pack/19.95 to 24.95
FLEXLENS TORIC ⁽²⁾ X-Cel Contacts		HEMA/NVP Clear or handling tint	45 55 49	10.0 to 16.0 (0.1)	6.8 to 10.0 (0.1)	-30 to +30	-0.50 to -12	Any	Prism	First lens/55.00 3-pack/42.00 MTO/99.00
FOCUS DAILIES TORIC ⁽¹⁾	Ciba Vision	PVA Aqua Release Visitint	69	14.2	8.6	-8 to +4	-0.75, -1.50	70°, 90°, 110°, 160°, 180°, 20°		30-pack/17.65 90-pack/47.95
FREQUENCY 55 TORIC ^(2,3)	CooperVision	HEMA Handling tint	55	14.4	8.4, 8.7	-8 to +6	-0.75, -1.25, -1.75, -2.25	Full circle 10° steps	Prism	6-pack/39.50
FRESHLOOK TORIC ⁽²⁾	Ciba Vision	HEMA/MMA Handling tint	55	14.5	Median	-4 to Plano	-0.75, -1.25, -1.75	180° ±10° 90° ±10°	Prism	6-pack/39.85
FRESHLOOK TORIC COLOR BLENDS ⁽²⁾	Ciba Vision	HEMA/MMA Blue, green, honey, gray	55	14.5	Median	-4 to Plano	-0.75, -1.25, -1.75	180° ±10° 90° ±10°	Prism	6-pack/46.50
HD-T ⁽²⁾	PolyVue	HEMA Handling tint	38	14.0	8.6	-7 to +5	-0.75, -1.50	180° ±20° 90° ±20°	Prism	Single/24.00 Multipack (3+1)/72.00
HORIZON SOFT TORIC ⁽²⁾	Westcon	HEMA	55	14.0, 14.5, 15.0	8.3, 8.6, 8.9, 9.2	-20 to +20	-0.75 to -10.00	Any	Prism	19.75 to 34.75/lens
HYDRASOFT TORIC OPTIONS ⁽²⁾	CooperVision	HEMA	55	14.2 15.0	8.3, 8.6 8.3, 8.6, 8.9, 9.2	-20 to +10 -20 to +20	-0.50 to -10.00	Any	Prism; Eccentric lenticulation	4-pack/110.00
INTELLIWAVE ASPHERIC TORIC ⁽²⁾	Art Optical Contact Lens	Silicone hydrogel HEMA with handling tint	74 49	MTO	MTO	-20 to +20	to -12.00 to -5.00	1° to 180° 1° steps	Prism	Diagnostic/65.00 4-pack/130.00 Diagnostic/65.00 2-pack/65.00
KONTUR 55 TORIC ⁽²⁾	Kontur Kontakt Lens	HEMA	55	14.0, 14.5, 15.0, 16.0	8.0, 8.3, 8.6, 8.9	-20 to +10	-0.75 to -5 ⁽⁴⁾	Any 1° steps	Prism; Eccentric lenticulation	21.25 to 45.00/lens
METROSOFT TORIC DIV I ⁽²⁾	Metro Optics of Austin	HEMA Clear	38	14.0	8.4, 8.7, 9.0	-5 to +5	-0.75 to -5	5° steps	Prism	4-pack/132.00 Single/48.00
METROSOFT TORIC DIV II ⁽²⁾	Metro Optics of Austin	HEMA Clear	38	14.0	8.4, 8.7, 9.0	-5.25 to -10 +5.25 to +10	Over -5	Any	Prism	4-pack/162.00 Single/68.00
OPTIMA TORIC ⁽²⁾	Bausch + Lomb	HEMA/NVP	45	14.0	8.3, 8.6, 8.9	-9 to +6	-0.75, -1.25, -1.75, -2.25, -2.75, -3.25, -3.75, -4.25	Full circle 5° steps	Prism	2-pack/138.00 Single vial/79.00
PREFERENCE TORIC ⁽²⁾	CooperVision	HEMA/PVA/MMA	43	14.4	8.4, 8.7	-8 to +6	-0.75, -1.25, -1.75, -2.25 ⁽²⁾	Full circle 5° steps	Prism; Eccentric lenticulation	4-pack/87.50
PREFERENCE TORIC XR ⁽²⁾	CooperVision	HEMA/PVA/MMA	43	14.4	8.4, 8.7	-9.50 to +6	-2.75 to -9.75 (0.25)	Full circle 5° steps	Prism; Eccentric lenticulation	4-pack/102.00
PROCLEAR TORIC ⁽²⁾	CooperVision	HEMA/PC	62	14.4	8.4, 8.8	-8 to +6	-0.75, -1.25, -1.75, -2.25	0° to 180° 10° steps	Prism	6-pack/33.00
PROCLEAR TORIC XR ⁽²⁾	CooperVision	HEMA/PC	59	14.4	8.4, 8.8	-10 to +10	-0.75 to -5.75 0.50D steps	Full circle 5° steps	Prism	6-pack/66.00
PUREVISION TORIC ^(2,4)	Bausch + Lomb	Silicone hydrogel Visibility tint	36	14.0	8.7	-9 to +6	-0.75, -1.25, -1.75, -2.25	Full circle 10° steps	Prism	6-pack/30.00
SATUREYES TORIC ⁽²⁾	Metro Optics of Austin	GMA/HEMA Visibility tint	49	14.2	8.4, 8.7	-10 to +5	-0.75 to -4	5° steps	Prism	4-pack/160.00 Single/58.00
SOFLENS TORIC ⁽²⁾	Bausch + Lomb	HEMA Visibility tint	66	14.5	8.5	-9 to +6 -9 to Plano	-0.75, -1.25, -1.75, -2.25 -2.75	Full circle 10° steps	Prism	6-pack/20.00
SPECIALEYES 59 TORIC ⁽²⁾	SpecialEyes	HEMA Handling tint	59	12.5 to 16.0 (0.1 steps)	6.9 to 9.5 (0.1 steps)	-15 to +15	-0.50 to -8	Any	Prism	4-pack/112.00 Vials

(1) Disposable (2) Planned Replacement (3) Extended Wear (EW) Approval (4) Continuous Wear (CW) Approval

Toric Disposable and/or Planned Replacement Hydrogels - *continued*

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Spheres	Cylinders	Axis	Ballast	Price
SPECIAL EYES SE 54 TORIC ⁽²⁾	SpecialEyes	HEMA Handling tint	54	12.5 to 16.0 (0.1 steps)	6.9 to 9.5 (0.1 steps)	-15 to +15	-0.50 to -8	Any	Prism	Single/25.00 4-pack/100.00 6-pack/150.00
SYNERGY QUARTERLY REPLACEMENT TORIC ⁽²⁾	Gelflex Laboratories	HEMA GMA/HEMA HEMA/NVP	38 49 55	14.3, 14.8, 15.3	8.0, 8.3, 8.6, 8.9, 9.2	+40 to -40	Up to -10	Any 1° steps	Biprism	Initial lens/62.00 3-pack within 90 days/33.00
VERTEX TORIC ^(2,3)	CooperVision	HEMA	55	14.4	8.6	-8 to +6	-0.75, -1.25, -1.75, -2.25 XR -2.75, -3.25, -3.75	Full circle 10° steps Full circle 5° steps	Prism	6-pack/21.25 6-pack/58.25

(1) Disposable (2) Planned Replacement (3) Extended Wear (EW) Approval (4) Continuous Wear (CW) Approval

Multifocal Disposable and/or Planned Replacement Hydrogels

Trade Name	Manufacturer	%H ₂ O	Diameters	Base Curves	Powers	Adds	Designs	Price
ACUVUE BIFOCAL ^(2,3)	Vistakon	58 UV blocker Light blue visibility tint	14.2	8.5	-9 to +6	+1.00, +1.50, +2.00, +2.50	5 Zones Concentric Center distance	6-pack/24.00
ACUVUE OASYS FOR PRESBYOPIA ^(2,3)	Vistakon	38 Visibility tint UV blocker Silicone hydrogel Hydraclear Plus Technology	14.3	8.4	-9 to +6	Low (+0.75 to +1.25) Mid (+1.50 to +1.75) High (+2.00 to +2.50)	Zonal aspheric Stereo Precision Technology	6-pack/26.00
AIR OPTIX AQUA MULTIFOCAL ^(2,3)	Ciba Vision	33 Handling tint Aqua Moisture System Silicone hydrogel	14.2	8.6	-10 to +6 (0.25 steps)	Lo, Med, High		6-pack/42.65
BIOFINITY MULTIFOCAL ^(2,3)	CooperVision	48 Silicone hydrogel	14.0	8.6	-8 to +6	+1.00, +1.50 +2.00, +2.50	Progressive	Call for pricing
C-VUE ⁽²⁾	Unilens Corp.	38	14.5	8.5, 8.8	-10 to +6	C-Vue Low +0.75 to +1.75 C-Vue High +1.75 to +2.50	Aspheric Center near	6-pack/30.00
C-VUE 55 ⁽²⁾	Unilens Corp.	55	14.5	8.5, 8.8	-10 to +6	C-Vue Low +0.75 to +1.75 C-Vue High +1.75 to +2.50	Aspheric Center near	75.00 2-pack/99.00 4-pack/160.00
C-VUE ADVANCED MULTIFOCAL	Unilens Corp.	54 GMA/HEMA	14.0, 14.5	8.0, 8.2, 8.5, 8.8	-20 to +20	Up to +3	Front aspheric Center near	6-pack/128.50
C-VUE ADVANCED HYDRAVUE MULTIFOCAL	Unilens Corp.	74 Silicone hydrogel	12.0 to 16.0 (14.5 to 15.0 std.)	8.0 to 9.5 (8.2, 8.5, 8.8, 9.1 std.)	-20 to +20	Up to +4	Front aspheric	6-pack/160.00 Trial/20.00
FLEXLENS MULTIFOCAL	X-Cel Contacts	45, 49, 55, 59 HEMA/NVP	13.5 to 15.0	8.0 to 9.2 (0.1 steps)	-10 to +10	+1.00 to +3.00	Front aspheric Center distance Pupil 1, 2, 3	First lens/75.00 3-pack/42.00 12-pack/192.00
FOCUS PROGRESSIVES VISITINT ⁽²⁾	Ciba Vision	55	14.0	8.6, 8.9	-7 to +6	Progressive up to +3.00	Aspheric Center near	6-pack/34.80
FREQUENCY 55 MULTIFOCAL ⁽²⁾	CooperVision	55 Handling tint	14.4	8.7	-6 to +4	+1.00, +1.50, +2.00, +2.50	Progressive	6-pack/39.00
HD ⁽²⁾	PolyVue	38 Handling tint	14.0	8.6	-10 to +6	Up to +1.00	Aspheric	Single lens/24.00 Multipack (3+1)/72.00
HD2 ⁽²⁾	PolyVue	55 Handling tint	14.2	8.6	-10 to +8	Up to +1.00	Aspheric	6-pack/32.00
HDX ⁽²⁾	PolyVue	38 Handling tint	14.0	8.6	-10 to +6	Progressive +1.25 to +2.50	Multi Aspheric Progressive	Single lens/24.00 Multipack (3+1)/72.00
HDX2 ⁽²⁾	PolyVue	55 Handling tint	14.2	8.6	-10 to +8	Progressive +1.25 to +2.50	Multi Aspheric Progressive	6-pack/39.00
HORIZON PROGRESSIVE ⁽²⁾	Westcon	55	14.0, 14.5, 15.0	8.3, 8.6, 8.9	-10 to +5	Up to +3.00	Center near	39.95
IDEAL SOFT PS ⁽²⁾	Ideal Optics	38 Handling tint	14.0	8.3, 8.6, 8.9	-9 to +9	Progressive up to +3.00	Aspheric	Warranted/49.95
INTELLIWAVE MULTIFOCAL ⁽²⁾	Art Optical Contact Lens	74 Silicone hydrogel 49 HEMA with handling tint	MTO	MTO	-20 to +20	To +3.00	Front surface aspheric Center near	Diagnostic/80.00 4-pack/160.00 Diagnostic/80.00 2-pack/80.00
INTELLIWAVE MULTIFOCAL TORIC ⁽²⁾	Art Optical Contact Lens	74 Silicone hydrogel 49 HEMA with handling tint	MTO	MTO	-20 to +20	To +3.00	Front surface aspheric Center near	Diagnostic/100.00 4-pack/200.00 Diagnostic/100.00 2-pack/100.00
PROCLEAR EP ⁽²⁾	CooperVision	60	14.4	8.7	-8 to +6	Up to +1.25	Aspheric	6-pack/20.00

(1) Disposable (2) Planned Replacement (3) Extended Wear (EW) Approval (4) Continuous Wear (CW) Approval

Multifocal Disposable and/or Planned Replacement Hydrogels - *continued*

Trade Name	Manufacturer	%H ₂ O	Diameters	Base Curves	Powers	Adds	Designs	Price
PROCLEAR MULTIFOCAL ⁽²⁾	CooperVision	62	14.4	8.7	-8 to +6	+1.00, +1.50, +2.00, +2.50	Progressive	6-pack/38.00
PROCLEAR MULTIFOCAL XR ⁽²⁾	CooperVision	59	14.4	8.4	-20 to +20	+1.00 to +4.00, in 0.50D steps	Progressive	6-pack/70.00
				8.7	-20 to -8.50 +6.25 to +20	+1.50 to +2.50 in 0.50D steps		
					-20 to +20	+3.00, +3.50, +4.00		
PUREVISION MULTI-FOCAL ^(2,3)	Bausch & Lomb	36 Visibility tint	14.0	8.6	-10 to +6	Low add to +1.50 High add +1.75 to +2.50	Front surface Aspheric Center near	6-pack/34.00
QUATTRO ⁽²⁾	Blanchard	48 Visibility tint	14.5 14.2	8.8 8.4	-6 to +6	Progressive up to +2.25	Aspheric Center near	2-pack/ 50.00 to 60.00
SATUREYES MULTIFOCAL ⁽²⁾	Metro Optics of Austin	49	14.2	8.6, 8.9	-10 to +10	Progressive up to +2.50	Aspheric Center distance	Single/80.00 4-pack/160.00
SOFLENS MULTI-FOCAL ⁽²⁾	Bausch & Lomb	38 Visibility tint	14.5	8.5, 8.8	-10 to +6	Low add to +1.50 High add +1.75 to +2.50	Front surface Aspheric Center near	6-pack/31.00
SPECIALEYES 54 MF	SpecialEyes	54	12.5 to 16.0 (0.1 steps)	6.9 to 9.5 (0.1 steps)	-25 to +25	Up to +4.00	Concentric Center near Custom Zone Center and distance	Single/35.00 4-pack/140.00
UNILENS EMA ⁽²⁾	Unilens Corp.	38	14.5	8.5, 8.8	-10 to +8	EMA Low +0.75 to +1.50 EMA High +1.75 to +2.50	Aspheric Center near	75.00 2-pack/99.00 4-pack/160.00

(1) Disposable (2) Planned Replacement (3) Extended Wear (EW) Approval (4) Continuous Wear (CW) Approval

Daily Wear Spherical Clear and Visibility Tint Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Thickness ⁽¹⁾	Diameters	Base Curves ⁽²⁾	Powers	Price
ALDEN CLASSIC 38	Alden Optical Lab	HEMA	38	0.10	10.0 to 16.0 (0.1 steps)	6.5 to 9.7 (0.1 steps)	-10 to +10 ±10.25 to ±30	30.00 50.00
ALDEN CLASSIC 55	Alden Optical Lab	HEMA	55	0.10	10.0 to 16.0 (0.1 steps)	6.5 to 9.7 (0.1 steps)	-10 to +10 ±10.25 to ±30	30.00 50.00
ALDEN HP 49	Alden Optical Lab	GMA/HEMA	49	0.10	10.0 to 16.0 (0.1 steps)	6.5 to 9.7 (0.1 steps)	-10 to +10 ±10.25 to ±30	30.00 50.00
ALDEN HP 59	Alden Optical Lab	GMA/HEMA	59	0.10	10.0 to 16.0 (0.1 steps)	6.5 to 9.7 (0.1 steps)	-10 to +10 ±10.25 to ±30	30.00 50.00
AQUAEASE	Ocu-Ease/Optech	GMA/HEMA Visibility tint	49	0.12	14.5	8.2, 8.5, 8.75	-20 to +10 +10.25 to +20	30.00 45.00 MTO/75.00 3- and 4-packs available, call for pricing
BIOCURVE	Biocurve/ GP Specialists	HEMA	55	0.06	14.0 14.5 15.0	8.4, 8.6 8.4, 8.6, 8.8, 9.0 8.6, 8.9	-20 to +10	First lens/34.99 Spare lens/16.99 3-pack/43.99 4-pack/54.99
BIOCURVE GOLD SPHERE	Biocurve/ GP Specialists	GMA/HEMA	59	0.06	14.2	8.3, 8.6, 8.9	-6 to -0.75	First lens/34.99 Spare lens/16.99
CONTINENTAL	Continental Soft Lens	HEMA	45, 53	Varies	10.0 to 15.0 15.5 to 23.0	6.0 to 10.4 8.0 to 11.0	-40 to +40 -40 to +40	30.00 to 60.00
CO SOFT	California Optics	HEMA	55	0.10	14.0, 14.5, 15.0	8.3 to 9.2 (0.3)	-30 to +30	8.50 to 35.00
DEFINITION WAVETOUGH	WaveTouch Technologies				Soft lens made from in-office patient aberrometry readings			
DURASOFT 2 LITE TINT	Ciba Vision	HEMA/MMA Handling tint	38	0.07	13.8 14.5	8.0, 8.3, 8.6 8.3, 8.6, 9.0	-20 to +20	23.95 MTO>-8 or +6 61.25
ESSTECH SV	Blanchard	HEMA	38	0.08	14.0	8.3, 8.7, 9.1	-6 to +6	31.50
FRE-FLEX STANDARD	Ocu-Ease/ Optech	HEMA	55	0.04 to 0.42	14.0 15.0	8.6 9.2	-20 to +10 +10.25 to +20	26.00 48.00
FRE-FLEX SPECIAL DESIGN	Ocu-Ease/ Optech	HEMA	55	0.04 to 1.0	14.0 15.0	8.6 9.2	-20 to +10	26.00
FRE-FLEX SPECIALTY LENS	Ocu-Ease/ Optech	HEMA	55	Varies	10.0 to 17.0	6.0 to 11.0	-40 to +40	60.00
GELFLEX CUSTOM SPHERE	Gelflex Laboratories	HEMA GMA/HEMA HEMA/NVP Aqua, blue, chocolate, green	38 49 55	0.07 0.07	13.5, 14.0, 14.5, 15.0 13.8, 14.3, 14.8, 15.3	8.0 to 9.2 (0.2) 8.0, 8.3, 8.6, 8.9, 9.2	-40 to +40 -40 to +40	Call for pricing
HD	PolyVue	HEMA Handling tint	38	0.08	14.0	8.6	-10 to +6	Single lens/24.00 Multipack (3+1)/72.00
HD2	PolyVue	HEMA Handling tint	55	0.10	14.2	8.6	-10 to +8	6-pack/32.00
HORIZON 38	Westcon	HEMA	38	0.06	13.5, 14.0, 14.5	8.0, 8.3, 8.6, 8.9, 9.2	-20 to +20	28.00
HORIZON 55	Westcon	HEMA	55	0.08 to 0.60	14.0, 14.5, 15.0	8.3, 8.6, 8.9	-20 to +10	28.00

Daily Wear Spherical Clear and Visibility Tint Hydrogels - *continued*

Trade Name	Manufacturer	Material	%H ₂ O	Thickness ⁽¹⁾	Diameters	Base Curves ⁽²⁾	Powers	Price
HORIZON PRISM SPHERE	Westcon	HEMA	55	Varies	14.5	8.6	-6 to +2	50.00
HORIZON SPECIALTY (DIVISION I)	Westcon	HEMA	55	Varies	14.0, 14.5, 15.0	8.0, 8.3, 8.6, 8.9, 9.2	-20 to +20	50.00
HORIZON SPECIALTY (DIVISION II)	Westcon	HEMA	55	Varies	8.6 to 10.1 (0.3)	15.5 to 18.0 (0.5)	-20 to +20	75.00
HORIZON SPECIALTY (DIVISION III)	Westcon	HEMA	55	Varies	16.0, 18.0, 20.0, 22.0, 24.0	9.2, 9.5, 9.8, 10.0, 10.3	Plano	50.00
HORIZON CUSTOM SPHERE	Westcon	HEMA	55 38	Varies	Custom designed	Call for parameters		85.00
HYDRASOFT	CooperVision	HEMA	55	0.12 0.10	15.0 14.2	8.6, 8.9, 9.2 8.3, 8.6	-20 to +10 -20 to +10	53.00
IDEAL SOFT	Ideal Optics	HEMA	38	Varies	14.0	8.3, 8.6, 8.9	-20 to +20	Up to ±10/19.95 Above ±10/39.95
INTELLIWAVE ASPHERIC	Art Optical Contact Lens	Silicone hydrogel	74		MTO	MTO	-20 to +20	Diagnostic/30.00 Replacement/15.00
		HEMA with handling tint	49					
KONTUR 55 SPHERE	Kontur Kontakt Lens	HEMA	55	Varies	15.0	8.3, 8.6, 8.9	-20 to +20	17.50
KONTUR PRECISION SPHERE I	Kontur Kontakt Lens	HEMA	55	Varies	12.0 to 16.0	6.8 to 9.5	-20 to +20	38.50
KONTUR PRECISION SPHERE II	Kontur Kontakt Lens	HEMA	55	Varies	12.0 to 16.0	6.8 to 9.5	Over ±20.00	48.50
KONTUR PRECISION SPHERE III	Kontur Kontakt Lens	HEMA	55	Varies	18.0 to 24.0	7.0 to 7.5	Plano	49.50
KONTUR PRECISION SPHERE IV	Kontur Kontakt Lens	HEMA	55	Varies	18.0 to 24.0	7.0 to 7.5	-20 to +20	59.50
KONTUR 55 SPHERE PRISM	Kontur Kontakt Lens	HEMA	55	Varies	13.0 to 16.0	7.0 to 9.5	-20 to +20	38.50
LL-38	Unilens Corp.	HEMA	38	0.07 0.10 0.23	14.5 14.0 14.0	8.7 8.3, 8.6, 8.9 8.7	-8.00 to -0.25 -8.00 to -0.25 +0.25 to +5	18.00
METROLITE	Metro Optics of Austin	HEMA Light blue	38	0.10	13.5	8.3, 8.6, 8.9	Plano to ±10 Over ±10	21.00 35.00
METROLITE M SERIES	Metro Optics of Austin	HEMA Light blue	38	0.06	14.0	8.7	-7 to Plano	21.00
METROSOFT II	Metro Optics of Austin	HEMA	38	0.10	13.5	8.3, 8.6, 8.9	Plano to ±10 Over ±10	20.00 35.00
METROSOFT II M SERIES	Metro Optics of Austin	HEMA	38	0.06	14.0	8.7	-7 to Plano	20.00
OCU-FLEX-55	Ocu-Ease/Optech	HEMA/MA Visibility tint available	53	0.12	14.0, 14.5, 15.0 13.5 to 15.5	8.2 to 8.8 (0.1) 8.2 to 9.0 (0.1)	-20 to +10 +10.25 to +20	26.00 48.00 MTO/75.00
							3- and 4-packs available, call for pricing	
OPTIMA SP	Bausch + Lomb	HEMA	38	0.06	14.0	8.4, 8.7 9.0	-12 to +5 -9 to +5	2-pack/30.00
PR-46	United	HEMA	46	0.08	14.0, 14.5, 15.0	8.3, 8.6, 8.9, 9.2	-20 to +20	18.00
SATUREYES	Metro Optics of Austin	GMA/HEMA	59	Varies	14.2	8.1, 8.4, 8.7	-10 to +10	25.00
SATUREYES VISIBILITY TINT	Metro Optics of Austin	GMA/HEMA Visibility tint	59	Varies	14.2	8.1, 8.4, 8.7	-10 to +10	25.00
SOF-FORM 55	Unilens Corp.	HEMA	55	0.10 0.12	14.0 15.0	8.3, 8.6, 8.9	-10 to +9.75	45.00
SOF-FORM II	Unilens Corp.	HEMA	38	0.06	14.0	8.3, 8.5, 8.7, 8.9	-10 to +9.75	45.00
SOFT-55 DW	Unilens Corp.	HEMA/PVP/MA	55	0.25	14.0 14.0 14.0 14.5 14.5	7.8 8.1, 8.4 8.7 8.1 8.4	-8 to +5 -8 to +9.50 +0.25 to +9.50 -8 to +5 -8 to +9.50	99.00
SPECIALEYES 49	SpecialEyes	HEMA Handling tint	49	0.1 to 0.3	12.5 to 16.0 (0.1 steps)	6.9 to 9.5 (0.1 steps)	-25 to +25	35.00
UCL 55%	United	HEMA	55	0.13	14.0, 14.5 14.5, 15.0	8.3, 8.6 8.6, 8.9, 9.2	-20 to +20	16.50 to 27.50
UCL CUSTOM	United	HEMA	55	0.13	16.0, 18.0, 20.0, 22.0, 24.0	9.2, 9.5, 9.8, 10.0, 10.3	-20 to +20	44.00
UCL TRESOFT	United	HEMA Handling tint	46		14.5, 15.0	8.2, 8.5, 8.8	-20 to +20	16.50 to 27.50

Extended Wear Spherical Clear and Visibility Tint Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Thickness ⁽¹⁾	Diameters	Base Curves ⁽²⁾	Powers	Price
ACUVUE	Vistakon	HEMA/MA Visibility Tint UV blocker	58	0.07	14.0	8.4	-9 to -0.50	6-pack/13.50
					14.0	8.8	-11 to -0.50	
					14.4	9.1	+0.50 to +8	
ACUVUE 2	Vistakon	HEMA/MA Visibility tint UV blocker	58	0.084	14.0	8.3, 8.7	-12 to +8 0.50D steps beyond ±6	6-pack/13.50
ACUVUE OASYS	Vistakon	Silicone hydrogel Visibility tint, UV blocker Hydraclear Plus Technology	38	0.07	14.0	8.4, 8.8	-12 to +8 0.50D steps beyond ±6 Plano bandage lens in 8.4 and 8.8 base curves	6-pack/20.25
AIR OPTIX AQUA	Ciba Vision	Silicone hydrogel Visibility tint	33	0.08	14.2	8.6	-10 to -0.25 +0.25 to +6	6-pack/26.75
AIR OPTIX NIGHT & DAY AQUA	Ciba Vision	Silicone hydrogel	24	0.08	13.8	8.4, 8.6	-10 to +8	6-pack/45.25
DURASOFT 3 LITINT (D3LT)	Ciba Vision	HEMA/MMA UV or handling tint	55	0.05	14.5	8.3, 8.6, 9.0	-20 to +20 (EW only -20 to +6)	32.75 MTO—8 or +6/ 78.30
HYDRASOFT XW STANDARD	CooperVision	HEMA	55	0.06	14.2	8.3, 8.6	-20 to +10	50.00
					15.0	8.6, 8.9, 9.2	-20 to +10	
LL-55	Unilens Corp.	HEMA	55	0.09	14.5	8.4, 8.7, 9.0	-10.00 to -0.25	45.00
				0.21	14.0	8.4, 8.7	+0.25 to +5	
PUREVISION	Bausch + Lomb	Silicone hydrogel	36	0.09	14.0	8.6	-12 to +6	6-pack/31.00
REVOLUTION	AC Contact Lens	HEMA Blue handling tint	55	Varies	14.0	8.5 8.7	-10 to Plano -6 to +4	9.00
SOF-FORM 55	Unilens Corp.	HEMA	55	0.06	14.0	8.3, 8.6, 8.9	-10 to +9.75	45.00
					15.0	8.3, 8.6, 8.9		
SOFLENS 38	Bausch + Lomb	HEMA Visibility tint	38	0.035	14.0	8.4, 8.7, 9.0	-9 to +4	6-pack/13.25
SOFT-55 EW	Unilens Corp.	HEMA/PVP/MA	55	0.10	14.0	7.8, 8.1, 8.4, 8.7	+10 to +18	99.00
					14.5	8.1, 8.4, 8.7	+10 to +18	

Therapeutic Spherical Clear and Visibility Tint Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Thickness ⁽¹⁾	Diameters	Base Curves ⁽²⁾	Powers	Price
ACUVUE OASYS	Vistakon	Silicone hydrogel Visibility tint, UV blocker	38	0.07	14.0	8.4, 8.8	-12 to +8 0.50D steps above ±6 Plano bandage lens in 8.4 and 8.8 base curves	6-pack/20.25
PUREVISION	Bausch + Lomb	Silicone hydrogel	36	0.09	14.0	8.3 8.6	-6 to -0.25 -12 to +6	6-pack/28.50
SOFT-55 EW	Unilens Corp.	HEMA/PVP	55	0.36	14.0 14.5	7.8, 8.1, 8.4, 8.7 8.1, 8.4	+10 to +18	99.00

Aphakic Spherical Clear and Visibility Tint Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Thickness ⁽¹⁾	Diameters	Base Curves ⁽²⁾	Powers	Price
AQUAEASE	Ocu-Ease/Optech	GMA/HEMA Visibility tint	49	0.35	14.5	8.2, 8.5, 8.75	+12.25 to +20	55.00
BIOCURVE APHAKIC OPTIONS	Biocurve/ GP Specialists	HEMA	55	0.08	14.0	8.4 to 8.8	+10 to +20	First lens/59.99
					14.5	8.4 to 9.0		Spare lens/29.99
					15.0	8.6 to 9.2		3-pack/86.99 4-pack/111.99
CONTINENTAL PEDIATRIC APHAKIC	Continental	HEMA	45, 53	Varies	9.5 to 16.0	5.8 to 9.5	Plano to +45	40.00
FLEXLENS PEDIATRIC and ADULT APHAKIC	X-Cel Contacts	HEMA	45, 49, 55, 59	Varies	8.0 to 16.0 (0.1) (Custom designs available)	5.0 to 11.0 (0.1)	Plano to +50	First lens/50.00 3-pack/42.00 12-pack/60.00
H3	Bausch + Lomb	HEMA	38	0.49	13.5	Spin cast	+6.50 to +20	105.00
H4	Bausch + Lomb	HEMA	38	0.43	14.5	Spin cast	+6.50 to +20	105.00
HYDRASOFT DW APHAKIC	CooperVision	HEMA	55	Varies	14.2	8.3, 8.6	+10.50 to +20	67.00
					15.0	8.6, 8.9, 9.2		
HYDRASOFT XW APHAKIC	CooperVision	HEMA	55	Varies	15.0	8.6, 8.9, 9.2	+10.50 to +20	63.00
					14.2	8.3, 8.6		
IDEAL SOFT	Ideal Optics	HEMA	38	Varies	14.0	8.3, 8.6, 8.9	+10 to +20	Warranted/39.95
KONTUR 55 DW APHAKIC	Kontur Contact Lens	HEMA	55	Varies	15.0	8.6, 8.9	+10.50 to +20	38.50
O ₂ OPTIX CUSTOM	Ciba Vision	Silicone hydrogel	32	Varies with power	13.2	7.4, 7.7, 8.0, 8.3	+10.25 to +20	Single diagnostic/ 50.00 4-pack/110.00
					14.0	7.1, 8.1, 8.4, 8.7, 9.0		
					14.8	8.0, 8.3, 8.6, 8.9, 9.2		
OCU-FLEX 55	Ocu-Ease/Optech	HEMA Visibility tint available	55	0.35	13.0, 14.0, 14.5, 15.0, 15.5, 16.0	8.2, 8.4, 8.6, 8.8 8.3, 8.5, 8.7, 8.9	+10.25 to +20	48.00

Aphakic Spherical Clear and Visibility Tint Hydrogels - *continued*

Trade Name	Manufacturer	Material	%H ₂ O	Thickness ⁽¹⁾	Diameters	Base Curves ⁽²⁾	Powers	Price
OCU-FLEX 55 PEDIATRIC APHAKIC	Ocu-Ease/Optech	HEMA	55	Varies	8.0 to 15.0	6.0 to 9.0	+10 to +40	75.00
SILSOFT	Bausch + Lomb	Silicone	0.2	0.32 to 0.71	11.3 11.3, 12.5	7.5 to 7.9 (0.2) 7.5 to 8.3 (0.2)	+23 to +32 (3.00D steps) +11.50 to +20 (0.50D steps)	126.00
SOF-FORM APHAKIC	Unilens Corp.	HEMA	55	0.26	14.0, 15.0	8.3, 8.6, 8.9	+10 to +20	60.00

Special Design Spherical Clear and Visibility Tint Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves ⁽²⁾	Powers	Price	
CONTINENTAL KERATOCONUS	Continental	HEMA	45, 53	12.0 to 16.0	5.8 to 9.8	Any	40.00	
CONTINENTAL KERATOCONUS TORIC	Continental	HEMA	45, 53	14.0 to 16.0	Custom	Any power Any axis	60.00	
CONTINENTAL PIGGYBACK	Continental	HEMA	45, 53	14.0 to 16.0	Any	Any	40.00	
CONTINENTAL POSTSURGICAL BANDAGE	Continental	HEMA	45, 53	17.0, 18.0, 19.0, 20.0, 22.0, 24.0	7.0 to 14.0	Plano	35.00	
CONTINENTAL POSTSURGICAL REVERSE GEOMETRY	Continental	HEMA	45, 53	14.0 to 16.0	7.5 to 9.5	Any	40.00	
FLEXLENS TRICURVE KERATOCONUS LENS	X-Cel Contacts	HEMA/NVP HEMA	45, 49, 55, 58	8.0 to 16.0 (0.1)	5.0 to 11.0 (0.1)	-50 to +50	First lens/85.00 3-pack/75.00 12-pack/192.00	
FLEXLENS PIGGYBACK LENS	X-Cel Contacts	HEMA/NVP HEMA	45, 49, 55, 58	8.0 to 16.0 (0.1)	5.0 to 11.0 (0.1) Anterior cutout 6.5 mm to 12.5 mm	Plano	First lens/85.00 3-pack/75.00 12-pack/192.00	
FLEXLENS PRS (HARRISON POST REFRACTIVE SURGERY LENS)	X-Cel Contacts	HEMA/NVP HEMA	45, 49, 55, 58	8.0 to 16.0 (0.1)	5.0 to 11.0 (0.1)	-50 to +50	First lens/85.00 3-pack/75.00 12-pack/192.00	
GELFLEX REVERSE GEOMETRY POST SURGICAL	Gelflex Laboratories	Custom designed per consult						
OCU-FLEX-38 KERATOCONUS	Ocu-ease/Optech	HEMA	38	14.5	8.6	-20 to Plano Piggyback custom	85.00 90.00	
REVITALEYES POST-REFRACTIVE SURGERY	Metro Optics of Austin	GMA HEMA Visitint	49	14.5	8.1, 8.4, 8.7 (equivalents)	Any power Sphere or cylinder	90.00	

Daily Wear Tinted Enhancer and Opaque Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Thickness	Diameters	Base Curves	Powers	Price
ALDEN CLASSIC 38	Alden Optical Lab	HEMA Aqua, azure, blue, brown, gray, green, jade, walnut, yellow	38	0.10	10.0 to 16.0 (0.1 steps)	6.5 to 9.7 (0.1 steps)	-10 to +10 ±10.25 to ±30	42.00 62.00
ALDEN HP 49	Alden Optical Lab	HEMA Aqua, azure, blue, brown, gray, green, jade, walnut, yellow	49	0.10	10.0 to 16.0 (0.1 steps)	6.5 to 9.7 (0.1 steps)	-10 to +10 ±10.25 to ±30	42.00 62.00
COLOR VISION	United	HEMA Amber, aqua, blue, black, brown, green, orange, red, violet, yellow	46 & 55	0.08	14.0, 14.5	8.2, 8.5, 8.8	-20 to +20	36.50
DURASOFT 2 COLORS (D2OP)	Ciba Vision	HEMA/MMA Blue opaque, green opaque, hazel opaque, gray opaque	38	0.08	14.5 MTO	8.3, 8.6 8.3, 8.6, 9.0	-8 to +6 >-8 or +6 -20 to +20	40.60 102.50
DURASOFT 2 COLORS FOR LIGHT EYES (D2LE)	Ciba Vision	HEMA/MMA Sky blue, jade green, aquamarine, violet-blue	38	0.07	14.5 MTO	8.6 8.3, 9.0	-8 to +6 >-8 or +6 -20 to +20	37.25 102.50
DURASOFT 2 and DURASOFT 3 PROSTHETIC LENS	Ciba Vision	HEMA/MMA All DuraSoft Colors, Complement and ColorBlends Colors 5 Print patterns	38 55		13.5, 13.8, 14.0, 14.5, 15.0	7.80 to 9.40	-20 to +20	Sphere/214.50 Toric/324.50
EXPRESSIONS	CooperVision	HEMA Gray, green, hazel, blue, aqua, blue topaz, brown, jade	55	0.12	14.4	8.7	-6 to +4	6-pack/34.50

Daily Wear Tinted Enhancer and Opaque Hydrogels - *continued*

Trade Name	Manufacturer	Material	%H ₂ O	Thickness	Diameters	Base Curves	Powers	Price
ILLUSIONS	Ciba Vision	HEMA Soft blue opaque, soft amber opaque, deep blue opaque, deep green opaque, grey opaque, violet opaque, soft green opaque violet opaque	37.5	0.10 (0.17 for +)	13.8	8.3, 8.6, 8.9	-8 to +4	53.25
							-8.50 to -10 MTO	102.50
METROTINT M SERIES	Metro Optics of Austin	HEMA blue, aqua, green	38	0.06	14.0	8.7	-7 to Plano	25.00
METROTINT	Metro Optics of Austin	HEMA Blue, aqua, green	38	0.10	13.5	8.3, 8.6, 8.9	Plano to ±10	25.00
							Over ±10	35.00
OE	Ocu-Ease/Optech	HEMA Opaque white	55	0.10	14.0, 14.5, 15.0	8.6	Plano	45.00
WILD EYES	Ciba Vision	HEMA/MMA Wild fire, white out, zoomin, hypnotica cat eye, red hot, ice fire, knockout, blackout, zebra, jaguar	55	0.05	14.5	8.6	-6 to Plano	42.60

Customized Tinting

Adventures In Color Technology, Alden Optical, Crystal Reflections, Custom Color Contacts, Specialty Tint, and Ciba Vision Special Eyes Program provide custom tinting of soft contact lenses for prosthetic and other uses. For specific information, call them. Their telephone numbers and addresses are listed in the company directory at the end of this booklet. Marietta Vision states that the Chromagen lens is available for certain color deficiencies. It has a 5mm to 7mm tinted optic zone and custom parameters. Call (866) 300-6257 for details.

Extended Wear Tinted Enhancer and Opaque Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Thickness	Diameters	Base Curves	Powers	Price
ACUVUE 2 COLOURS	Vistakon	HEMA/MA UV blocker	58	0.084	14.0	8.3, 8.7	-9 to +6; Plano	6-pack/21.00
							Enhancer: ocean blue, emerald green, aquamarine 8.3	-9 to +6; Plano 6-pack/24.00
Opaque: deep blue, jade green, pearl gray, warm honey, chestnut brown, sapphire blue, hazel green								
DURASOFT 3 COLORS (D30P)	Ciba Vision	HEMA/MMA Baby blue opaque, emerald green opaque, aqua opaque, sapphire blue opaque, hazel opaque, jade green opaque, misty gray opaque, violet opaque, chestnut brown opaque, baby blue enhancer	55	0.05	14.5	8.3, 8.6	-8 to +6	86.30
					Made to order	8.3, 8.6 9.0	>-8 or +6 -20 to +20	MTO/127.80
DURASOFT 3 COMPLEMENTS COLORS (D3CO)	Ciba Vision	HEMA/MMA Blue, green, brown blue/violet, shadow gray (center brown star pattern)	55	0.05	14.5	8.6	-8 to +6	86.30
						8.3, 8.9 8.6	-20 to +20 >-8 or +6	MTO/127.80

Daily Wear Toric Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Spheres	Cylinders	Axis	Ballast	Price
ALDEN CLASSIC 38 TORIC	Alden Optical Lab	HEMA Aqua, azure, blue, brown, gray, green, jade walnut, yellow	38	10.0 to 16.0 (0.1 steps)	6.5 to 9.7 (0.1 steps)	-10 to +10				60.00
						±10.25 to +30			80.00	
ALDEN CLASSIC 55 TORIC	Alden Optical Lab	HEMA Aqua, azure, blue, brown, gray, green, jade walnut, yellow	55	10.0 to 16.0 (0.1 steps)	6.5 to 9.7 (0.1 steps)	-10 to +10				60.00
						±10.25 to +30			80.00	
ALDEN HP 49 TORIC	Alden Optical Lab	GMA/HEMA	49	14.5	8.3, 8.6, 8.9	-10 to +10	-0.25 to -10	Any		60.00
						±10.25 to ±30	-0.25 to -10	Any	80.00	
ALDEN HP 59 TORIC	Alden Optical Lab	GMA/HEMA	59	14.5	8.3, 8.6, 8.9	-10 to +10	-0.25 to -10	Any		60.00
						±10.25 to ±30	-0.25 to -10	Any	80.00	
AQUAEASE TORIC	Ocu-Ease/ Optech	GMA/HEMA	49	14.5	8.2, 8.5, 8.75	-7 to +4	-0.75 to -3	Any	Prism or slab-off	85.00
AQUAEASE TORIC MTO	Ocu-Ease/ Optech	GMA/HEMA	49	14.5	8.2, 8.5, 8.75	-20 to +20	-0.75 to -6	Any	Prism or slab-off	105.00

Daily Wear Toric Hydrogels - continued

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Spheres	Cylinders	Axis	Ballast	Price
C-VUE CUSTOM TORIC	Unilens	HEMA	55	14.5 15.0	8.2, 8.5, 8.8, 9.1	-20 to +9.75	-0.25 to -5	Any	Prism	65.00 to 120.00
CONTINENTAL TORIC	Continental Soft Lens	HEMA	45, 53	12.5 to 17.5	6.5 to 11.0	-30 to +30	-0.50 to -12	Any	Prism	60.00 to 75.00
CO SOFT	California Optics	HEMA	55	14.5, 15.0	8.6, 8.9, 9.2	-20 to +20	-0.75 to -10	Any	Prism; Eccentric lenticulation	35.00 to 75.00
DURASOFT 2 OPTIFIT TORIC	Ciba Vision	HEMA/MMA Light green handling tint	38	14.5	Steep, median, flat	-20 to +10	-0.75 to -9.75 0.50 steps	Full circle 5° steps	Thin zones Prism	MTO/100.60
DURASOFT 2 OPTIFIT TORIC COLORS FOR LIGHT EYES	Ciba Vision	HEMA/MMA Sky blue, jade green, aquamarine, violet blue	38	14.5	Steep, median, flat	-20 to +10	-0.75 to -9.75 0.50 steps	Full circle 5° steps	Thin zones Prism	MTO/138.20
DURASOFT 2 OPTIFIT TORIC OPAQUE	Ciba Vision	HEMA/MMA Blue, green, hazel, gray	38	14.5	Steep, median, flat	-20 to +10	-0.75 to -9.75 0.50 steps	Full circle 5° steps	Thin zones	MTO/138.20
DURASOFT 3 OPTIFIT COMPLEMENTS	Ciba Vision	HEMA/MMA Blue, green, brown, blue/violet, shadow gray	55 (EW/DW)	14.5	Steep, median, flat	-8 to +4	-0.75 to -5.75 0.50 steps	Full circle 5° steps	Thin zones	MTO/138.20
DURASOFT 3 OPTIFIT OPAQUE COLORS	Ciba Vision	HEMA/MMA Baby blue, emerald green, hazel, aqua, sapphire blue, jade green, violet, misty gray, chestnut brown, blue enhance	55 (EW/DW)	14.5	Steep, median, flat	-8 to +4	-0.75 to -5.75 0.50 steps	Full circle 5° steps	Thin zones	MTO/138.20
DURASOFT 3 OPTIFIT TORIC	Ciba Vision	HEMA/MMA UV available Handling tint	55	14.5	Steep, median, flat	-8 to +4	-0.75 to -5.75 0.50 steps	Full circle 5° steps	Thin zones	MTO/111.85
FLEXLENS TORIC	X-Cel Contacts	HEMA/NVP	45, 49, 55, 59	10.0 to 16.0 0.1 steps	6.8 to 10.0 0.1 steps	-30 to +30	-0.50 to -12 Custom designs available	Any	Prism	55.00 to 99.00
FRE-FLEX CUSTOM TORIC	Ocu-Ease/ Optech	HEMA	55	15.0	9.0	-20 to +20	-0.50 to -3	Any	Prism	55.00
FRE-FLEX SPECIAL DESIGN TORIC	Ocu-Ease/ Optech	HEMA	55	10.0 to 17.0	6.0 to 11.0	-30 to +30	-0.50 to -16	Any	Prism	MTO/95.00
GELFLEX CUSTOM TORIC MTO	Gelflex Laboratories	HEMA GMA/HEMA HEMA/NVP	38 49 55	14.5, 15.0 14.3, 14.8, 15.3	8.0 to 9.2 (0.2) 8.0, 8.3, 8.6, 8.9, 9.2	-40 to +40 -40 to +40	Unlimited Unlimited	Any Any		Call for pricing
HD-T	PolyVue	HEMA Handling tint	38	14.0	8.6	-7 to +5	-0.75, -1.50	180° ±20° 90° ±20°	Prism	Single/24.00 Multipack (3+1)/72.00
HORIZON SOFT TORIC	Westcon	HEMA	55	14.0, 14.5, 15.0	8.3, 8.6, 8.9, 9.2	-20 to +20	-0.75 to -10	Any	Prism	59.00 to 89.00
HYDRASOFT TORIC OPTIONS	CooperVision	HEMA	55	14.2 15.0	8.3, 8.6 8.3, 8.6, 8.9, 9.2	-20 to +20	-0.50 to -10	Any	Prism Eccentric lenticulation	86.50 to 110.00
HYDRASOFT APHAKIC TORIC	CooperVision	HEMA	55	15.0	8.6, 8.9	+10.25 to +20	-0.75 to -10	Any	Prism Eccentric lenticulation	4-pack/ 110.00
INTELLIWAVE ASPHERIC TORIC	Art Optical	Silicone hydrogel HEMA with handling tint	74 49	MTO	MTO	-20 to +20	To -12.00 To -5.00	1° to 180° 1° steps	Prism	Diagnostic/ 65.00 Replacement/ 32.50
KONTUR 55 TORIC	Kontur Kontakt Lens	HEMA	55	15.0	8.3, 8.6, 8.9	-20 to +10	-0.75 to -5	Any	Prism Eccentric lenticulation	42.50 to 90.00
METROSOFT TORIC	Metro Optics of Austin	HEMA	38	14.0	8.4, 8.7, 9.0	-10 to +10	-0.75 to -5 -5.25 to -9	Any 5° steps	Prism	48.00 68.00
OCU-FLEX-55	Ocu-Ease/ Optech	HEMA/MA	55	14.0, 14.5, 15.0	8.4 to 9.0 (0.2)	-20 to +20	Up to -8	Any	Prism or slab-off	55.00 to 80.00
OPTIMA TORIC	Bausch + Lomb	HEMA/NVP	45	14.0	8.3, 8.6, 8.9	-9 to +6	-0.75, -1.25, -1.75, -2.25, -2.75, -3.25, -3.75, -4.25	Full circle 5° steps	Prism	Single/79.00 2-pack/138.00
PR-46	United	HEMA	46	14.0, 14.5, 15.0	8.0, 8.3, 8.6, 8.9, 9.2	-20 to +20	Up to -7	Any	Prism	49.50
SATUREYES TORIC	Metro Optics of Austin	GMA/HEMA	49	14.2	8.4, 8.7	-10 to +5	-0.75 to -4	Any 5° steps	Prism	58.00
SATUREYES TORIC VISIBILITY TINT	Metro Optics of Austin	GAM/HEMA	49	14.2	8.4, 8.7	-10 to +5	-0.75 to -4	Any 5° steps	Prism	58.00
SPECIALEYES 49 TORIC	SpecialEyes	HEMA Handling tint	49	12.5 to 16.0 (0.1 steps)	6.9 to 9.5 (0.1 steps)	-15 to +15	-0.50 to -8	Any	Prism	49.00

Daily Wear Toric Hydrogels- continued

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Spheres	Cylinders	Axis	Ballast	Price
UCL TORIC 55	United Contact Lens	HEMA	55	14.0, 14.5, 15.0	8.3, 8.6, 8.9, 9.2	-20 to +20	-0.25 to -10	Any	Prism Slab-off	49.50 non-warranted/39.50
UCL TRESOFT TORIC	United Contact Lens	HEMA	46	14.5, 15.0	8.2, 8.5, 8.8	-20 to +20	-0.75 to -7	Any	Prism Slab-off	49.50 non-warranted/39.50
WESTHIN TORIC	Westcon	HEMA	38 & 55	14.2	8.3, 8.6, 8.9	-20 to +20	-0.75 to -6	Any	Double slab-off	59.00 to 89.00

Extended Wear Toric Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Spheres	Cylinders ⁽¹⁾	Axis	Ballast	Price
ACUVUE OASYS FOR ASTIGMATISM	Vistakon	Silicone hydrogel Visibility tint UV blocker Hydraclear Plus Technology	38	14.5	8.6	-6 to Plano (0.25D steps)	-0.75, -1.25, -1.75, -2.25	Full Circle 10° steps 90° ±20° 180° ±20° 10° steps	Accelerated Stabilization Design	6-pack/24.00
						-9 to -6.50 (0.50D steps)	-0.75, -1.25, -1.75, -2.25	Full circle 10° steps 180° ±20° 10° steps 90°		
						+0.25 to +6 (0.25D steps)	-0.75, -1.25, -1.75	180° ±20° 90° ±20° 10° steps		
DURASOFT 3 OPTIFIT TORIC	Ciba Vision	HEMA/MMA UV available Handling tint	55	14.5	Steep, median, flat	-8 to +4	-0.75 to -5.75 0.50 steps	Full circle 5° steps	Thin zones	MTO/111.85
DURASOFT 3 OPTIFIT TORIC COLORBLEND	Ciba Vision	HEMA/MMA Blue, green, gray, brown, honey, turquoise	55	14.5	Steep, median, flat	-8 to +4	-0.75 to -5.75	Full circle 5° steps	Thin zones	MTO/138.20
DURASOFT 3 OPTIFIT TORIC OPAQUE COLORS	Ciba Vision	HEMA/MMA Baby blue, emerald green, hazel, aqua, sapphire blue, jade green, violet, misty gray, chestnut brown, blue enhance	55	14.5	Steep, median, flat	-8 to +4	-0.75 to -5.75 ⁽²⁾ 0.50 steps	Full circle 5° steps	Thin zones	MTO/138.20
DURASOFT 3 OPTIFIT TORIC COMPLEMENTS COLORS	Ciba Vision	HEMA/MMA Blue, green brown, blue-violet, shadow gray	55	14.5	Steep, median, flat	-8 to +4	-0.75 to -5.75 ⁽²⁾ 0.50 steps	Any 5° steps	Thin zones	MTO/138.20
DURASOFT 3 OPTIFIT UV TORIC	Ciba Vision	HEMA/MMA Clear or handling tint	55	14.5	Steep, median, flat	-8 to +4	-0.75 to -5.75	Full circle 5° steps	Thin zones	MTO/114.15
HYDRASOFT TORIC XW	CooperVision	HEMA	55	15.0 14.2	8.3, 8.6, 8.9, 9.2 8.3, 8.6	-20 to +10 -20 to +10	-0.50 to -10 ⁽²⁾	Any	Prism Eccentric lenticulation	86.50 to 110.00
HYDRASOFT XW TORIC APHAKIC	CooperVision	HEMA	55	15.0	8.6, 8.9	+10.50 to +20	-0.75 to -10 ⁽²⁾	Any	Prism Eccentric lenticulation	110.00
HYDROCURVE 3 TORIC	Ciba Vision	HEMA/Acryl. Clear	55	14.5	8.8	-8 to +4	-0.75, -1.25, -2 ⁽²⁾	Full circle 5° steps	Prism	MTO/99.90
PUREVISION TORIC	Bausch + Lomb	Silicone hydrogel	36	14.0	8.7	-9 to +6	-0.75, -1.25, -1.75, -2.25	Full circle 10° steps	Prism	6-pack/30.00

(1) All lenses, whether manufactured with front surface toric or back surface toric, are listed in minus cylinder form, as that is how the lenses are ordered. However, we have also indicated by footnotes how they are manufactured.

(2) Manufactured with back toric
(3) Manufactured with front toric
(4) Custom designs available

(5) Custom tinting available

Daily Wear Multifocal Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Powers	Adds	Designs	Price
AQUAEASE MULTIFOCAL	Ocu-Ease/Optech	HEMA Visibility tint	49	14.5	8.2, 8.5, 8.75	-8 to +6	+0.50 to +3.50	Aspheric	70.00
CO SOFT 55	California Optics	HEMA	55					Several types of concentric, aspheric and crescent designs are available. Contact the manufacturer for details.	
ESSTECH PS	Blanchard	HEMA	38	14.0	8.3, 8.7, 9.1	-6 to +6	Progressive to +2.25	Front aspheric Center near	75.00
ESSTECH PSD	Blanchard	HEMA	38	14.0	8.3, 8.7, 9.1	-6 to +6	Progressive up to +1.50	Front aspheric Center near	75.00
HD	PolyVue	HEMA Handling tint	38	14.0	8.6	-10 to +6	Up to +1.00	Aspheric	Single lens/24.00 Multipack (3+1)/72.00
HD2	PolyVue	HEMA Handling tint	55	14.2	8.6	-10 to +8	Up to +1.00	Aspheric	6-pack/32.00

Daily Wear Multifocal Hydrogels- continued

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Powers	Adds	Designs	Price
HDX	PolyVue	HEMA Handling tint	38	14.0	8.6	-10 to +6	Progressive +1.25 to +2.50	Multi Aspheric Progressive	Single lens/ 24.00 Multipack (3+1)/ 72.00
HDX2	PolyVue	HEMA Handling tint	55	14.2	8.6	-10 to +8	Progressive +1.25 to +2.50	Multi Aspheric Progressive	6-pack/ 39.00
HORIZON 55 BICON	Westcon	HEMA	55	14.0, 14.5, 15.0	8.3, 8.6, 8.9	-10 to +10	+1.00 to +4.00	Concentric Center near	69.50
HORIZON PROGRESSIVE	Westcon	HEMA	55	14.0, 14.5, 15.0	8.3, 8.6, 8.9	-10 to +5	Up to +3.00	Progressive	79.50
INTELLIWAVE MULTIFOCAL	Art Optical Contact Lens	Silicone hydrogel HEMA with handling tint	74 49	MTO	MTO	-20 to +20	To +3.00	Front surface aspheric Center near	Diagnostic/ 80.00 Replacement/ 40.00
IDEALSOFT PS	Ideal Optics	HEMA	38	14.0	8.3, 8.6, 8.9	-8 to +8	Progressive up to +3.00	Aspheric	Warranted/ 49.95
LIFESTYLE 4-VUE STANDARD AND HI-ADD	Unilens Corp.	HEMA	38	14.5	8.5, 8.8	-8 to +8	Progressive up to +2.50	Multi-aspheric Center distance	95.00
LIFESTYLE XTRA	Unilens Corp.	HEMA	38	14.5	8.5, 8.8	-8 to +8	+1.00, +1.50, +2.00, +2.50	Concentric Center distance	95.00
LL-BIFOCAL	Unilens Corp.	HEMA	37.5	13.8	8.3, 8.6 8.9 only in +	-6 to +6	+1.50 to +3.00 0.50 steps	Concentric Center distance	99.00
METROFOCAL	Metro Optics of Austin	HEMA Visibility tint	38	14.0	8.6, 8.9	-10 to +10	Progressive up to +2.50	Front aspheric Center distance	80.00
OCUFLEX 55	Ocu-Ease/Optech	HEMA Visibility tint available	55	14.5	8.2, 8.4, 8.6	-8 to +6	+0.50 to +3.50	Aspheric	55.00
POLYVUE	Ideal Optics	HEMA	38	14.0	8.3, 8.6	-10 to +8	Progressive up to +2.25 Progressive up to +3.25	Front aspheric	75.00
SATUREYES MULTIFOCAL	Metro Optics	GMA/HEMA	49	14.2	8.6, 8.9	-10 to +10	Progressive up to 2.50	Front aspheric Center distance	80.00
SIMULVUE	Unilens Corp.	HEMA/NVP	45	14.5	8.4, 8.7, 9.0	-8 to +6	+1.00 to +3.50 (2.35, 2.55 seg diam.)	Concentric Center near	95.00
SIMULVUE 38	Unilens Corp.	HEMA	38	14.5	8.4, 8.7	-8 to +6	+1.00 to +3.50 (2.35, 2.55 seg diam.)	Concentric Center near	95.00
SOFTSITE	Unilens Corp.	HEMA	38	14.5	8.4, 8.7	-8 to +8	+1.75 to +2.50	Front aspheric Center near	95.00
TRITON TRANSLATING SOFT BIFOCAL	Gefflex Laboratories	HEMA GMA/HEMA HEMA/NVP	38 49 55	14.5, 15.0	8.0, 8.2, 8.4, 8.6, 8.8, 9.0	Unlimited		Translating	Call for pricing
UNILENS	Unilens Corp.	HEMA/NVP	45	14.5	8.4, 8.7, 9.0	-8 to +6	Up to +1.75	Front aspheric ^(d) Center near	95.00
UNILENS 38	Unilens Corp.	HEMA	38	14.5	8.4, 8.7, 9.0	-8 to +6	Up to +1.75	Front aspheric	95.00
UCL BIFOCAL	United Contact Lens	HEMA	55	14.4, 15.0	8.3, 8.6, 8.9, 9.2	-20 to +20	+1.00 to +3.50	Concentric Center near	70.00 Replacement/ 45.00
UCL MULTIFOCAL	United Contact Lens	HEMA	55	14.7	8.3, 8.7, 9.0	-20 to +20	Progressive up to +3.00	Back aspheric	70.00 Replacement/ 45.00
UCL SONIC VIEW	United	HEMA	55	14.7	8.4, 8.8, 9.0	-20 to +20	Progressive up to +3.00	Front aspheric	70.00 Replacement/ 27.50

Extended Wear Multifocal Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Powers	Adds	Designs	Price
ACUVUE BIFOCAL	Vistakon	HEMA/MA UV Blocker Light blue visibility tint	58	14.2	8.5	-9 to +6	+1.00, +1.50, +2.00, +2.50	5 Zones Concentric center distance	6-pack/24.00
PUREVISION MULTI-FOCAL	Bausch + Lomb	Silicone hydrogel Visibility tint	36	14.0	8.6	-10 to +6	Low add to +1.50 High add +1.75 to +2.50	Front surface aspheric center near	6-pack/34.00

Multifocal Toric Hydrogels

Trade Name	Manufacturer	Material	%H ₂ O	Diameters	Base Curves	Spheres	Cylinders ⁽¹⁾	Adds	Design	Price
AQUAEASE TORIC MULTIFOCAL	Ocu-Ease/Optech Visibility tint	GMA/HEMA	49	14.5	8.2, 8.5, 8.75	-7 to +4	-0.75 to -3	+0.50 to +3.00	Aspheric	105.00
CO SOFT 55	California Optics	HEMA	55	14.5, 15.0	8.3 to 9.2 (0.3)	-10 to +10	-0.75 to -5	+1.00 to +3.50	Concentric Center near	85.00
C-VUE 55 TORIC MULTIFOCAL	Unilens Corp.	HEMA	55	14.5 15.0	8.2, 8.5, 8.8 9.1	-20 to +20	Up to -4	Up to +3.00	Front aspheric Center near	85.00 3-pack/90.00 4-pack/120.00
C-VUE ADVANCED TORIC MULTIFOCAL	Unilens Corp.	GMA/HEMA	54	14.0, 14.5	8.0, 8.2, 8.5, 8.8	-20 to +20	Up to -4	Up to +3.00	Front aspheric Center near	6-pack/ 128.50
C-VUE HYDRAVUE TORIC MULTIFOCAL	Unilens Corp.	Silicone hydrogel	74	12.0 to 16.0 (14.5, 15.0 std.)	8.0 to 9.5 (8.2, 8.5, 8.8 9.1 std.)	-20 to +20	Up to -4 Any axis, 1° steps	Up to +4.00	Front aspheric Center near	Trial/20.00
ESSENTIAL SOFT TORIC MULTIFOCAL	Blanchard	GMA/HEMA	48	14.8 14.4 14.0	8.8 8.5 8.2	-6 to +9	-0.75 to -3	Progressive up to 2.25	Front aspheric Center near Progressive	110.00
HD-T	Polyvue	HEMA	38	14.0	8.6	-7 to +5	-0.75, -1.50	Up to 1.00	Aspheric	Single/24.00 Multipack (3+1)/ 72.00
HDX-T	Polyvue	HEMA	55	14.0	8.6	-7 to +5	-0.75, -1.50	Progressive +1.25 to +2.50	Multi Aspheric Progressive	Single/24.00 Multipack (3+1)/72.00
HORIZON 55 BICON TORIC	Westcon	HEMA	55	14.0, 14.5, 15.0	8.3, 8.6, 8.9	-10 to +10	-0.75 to -5	+1.00 to +4.00	Concentric Center near	99.00
HORIZON PROGRESSIVE TORIC	Westcon	HEMA	55	14.0, 14.5, 15.0	8.3, 8.6, 8.9	-10 to +5	-1 to -5	Progressive up to +3.00	Center progressive	119.00
INTELLIWAVE MULTIFOCAL TORIC	Art Optical Contact Lens	Silicone hydrogel HEMA with handling tint	74 49	MTO	MTO	-20 to +20	1° to 180° 1° steps	To +3.00	Front surface aspheric Center near	Diagnostic 100.00 Replacement/ 50.00
LIFESTYLE MVT TORIC BIFOCAL	Unilens Corp.	HEMA	38	14.5	8.8, 8.5	-20 to +20	-0.50 to -3	+0.25 to +2.50	Concentric Center intermediate	115.00 3-pack/135.00 4-pack/180.00
METROFOCAL TORIC	Metro Optics of Austin	HEMA Visibility tint	38	14.0	8.6, 8.9	-10 to +10	-0.75 to -6	Up to +2.50	Center progressive	D.V. I/100.00 D.V. II/110.00
OCUFLEX 55 TORIC MULTIFOCAL	Ocu-Ease/Optech Visibility tint	HEMA	55	14.5	8.2, 8.4, 8.6	-7 to +4	-0.75 to -3	+0.50 to +3.50	Aspheric MTO/125.00	100.00
POLYVUE	Ocu-Ease/ Optech	HEMA	43	14.5	8.6	-12 to +12	-0.75, -1, -1.75, -2.25 Any axis	Progressive Low up to +2.50 High up to +3.25	Aspheric Center near	120.00 3-pack/299.99 4-pack/399.00
PROCLEAR MULTIFOCAL TORIC	CooperVision	HEMA/PC	59	14.4	8.4, 8.8	-20 to +20 (0.50D steps)	-0.75 to -5.75 (0.50D steps)	+1.00 to +4.00,	Aspheric	6-pack/91.50
SATUREYES MULTIFOCAL TORIC DIV I	Metro Optics of Austin	GMA/HEMA Visibility tint	49	14.2	8.6, 8.9	-4 to +4	-0.75 to -3	Up to +2.50	Front aspheric Center distance	Single/110.00 4-pack/ 200.00
SATUREYES MULTIFOCAL TORIC DIV II	Metro Optics of Austin	GMA/HEMA Visibility tint	49	14.2	8.6, 8.9	-10 to -4.25, +4.25 to +10	-3.25 to -6	Up to +2.50	Front aspheric Center distance	Single/120.00 4-pack/ 210.00
SPECIAL EYES 54 MF TORIC	Special Eyes	HEMA	54	12.5 to 16.0 (0.1 steps)	6.9 to 9.5 (0.1 steps)	-25 to +25	-0.50 to -8.00	Up to +4	Concentric custom zone Center distance & Center near	Single/35.00 4-pack/140.00
TRITON TRANSLATING TORIC BIFOCAL	Gefflex Laboratories	HEMA GMA/HEMA HEMA/NVP	38 49 55	14.5, 15.0	8.0, 8.2, 8.4, 8.6, 8.8, 9.0	Unlimited	Unlimited		Translating	Call for pricing
UCL BIFOCAL TORIC	United Contact Lens	HEMA	55	14.4, 15.0	8.3, 8.6, 8.9, 9.2	-20 to +20	-1 to -9	+1.00 to +3.50 0.25 steps	Concentric Center near	95.00 Replacement/ 62.00
UCL MULTIFOCAL TORIC	United Contact Lens	HEMA	55	14.7	8.3, 8.7, 9.0	-20 to +20	Up to -3	Progressive up to +3.00	Back aspheric Replacement/62.00	95.00
UCL SONIC VIEW TORIC	United		55	14.7	8.4, 8.8, 9.0	-20 to +20	Up to -7	Up to +3.00	Front aspheric Replacement/34.50	95.00

Hybrid Soft Skirt/GP Center

Trade Name	Manufacturer	Diameter	GP Center Base Curve	Power	Skirt Curvature	Price
SYNERGEYES A	SynergEyes	14.5	7.1 to 8.2 (0.1 steps)	-20 to +20	1.0 (steep), 1.3 (flat)	2-pack/124.00 Single/96.00
SYNERGEYES KC	SynergEyes	14.5	5.7 to 7.1 (0.2 steps)	-20 to Plano	Steep, median, flat	2-pack/225.00 Single/175.00
SYNERGEYES MULTIFOCAL	SynergEyes	14.5	7.1 to 8.1 (0.1 steps)	-20 to +5 Adds: +0.75, +1.25, +1.75, +2.25	1.0 (steep), 1.3 (flat)	2-pack/150.00 Single/115.00
SYNERGEYES PS	SynergEyes	14.5	7.2 to 9.0 (0.2 steps)	-12 to +6	8.3, 8.6 Lift: L1 (flat) L2 (medium) L3 (steep)	2-pack/225.00 Single/175.00
SYNERGEYES CLEARKONE	SynergEyes	14.5	100 μ to 600 μ (50 μ steps)	-15 to +5	Steep, median, flat	2-pack/227.00 Single/175.00
SYNERGEYES DUETTE	SynergEyes	14.5	7.1 to 7.9 (0.2 steps)	-10 to +2		2-pack/100.00 Single/75.00

Gas Permeable Lenses

GP General Discussion

In the United States, after receiving their FDA Pre-Market Approval (PMA), almost all companies that are PMA holders chose to produce their material in semi-finished buttons which they supply to independent laboratories for custom manufacture and distribution. Because there are over 300 such laboratories who often affix their own trade name to these lenses, it is neither practical nor useful to list them all. Therefore, we have chosen to provide the basic characteristics of the custom design materials.

For specific information on custom-designed lenses, contact your independent laboratory. In this context, custom-designed refers not only to spherical lenses, but also to toric and multifocal lenses. Many independent laboratories are members of the Contact Lens Manufacturers Association. To access addresses, phone number, etc., visit the Gas Permeable Lens Institute's searchable online database: www.gpli.info.

GP Daily Wear Custom Design Materials

Trade Name	Manufacturer	Color	Material	Dk ⁽¹⁾
ACCU-CON	InnoVision	Clear, blue, green, gray, brown, dark blue	Fluorosilicone Acrylate	25
HYDRO ₂		Soft blue, soft green, ocean blue	Fluorosilicone Acrylate	50
BOSTON II	Bausch + Lomb	Clear, blue, green	Silicone Acrylate	12 ⁽¹⁾
BOSTON IV		Clear, blue, electric blue	Silicone Acrylate	19
BOSTON EQUALENS ⁽²⁾		Clear, blue, electric blue	Fluorosilicone Acrylate	47
BOSTON ES ⁽²⁾		Blue, ice blue, green, gray, brown, clear	Fluorosilicone Acrylate	18
BOSTON EO ⁽²⁾		Blue, ice blue, green, gray, brown, ice green, electric blue	Fluorosilicone Acrylate	58
BOSTON EQUALENS II ⁽²⁾		Clear, blue, green, red, yellow	Fluorosilicone Acrylate	85
BOSTON XO ⁽²⁾		Blue, ice blue, violet, green, red, yellow, clear	Fluorosilicone Acrylate	100
BOSTON XO ₂ ⁽²⁾		Visibility tint, blue, ice blue, violet, green, red, yellow	Fluorosilicone Acrylate	141
FLUOREX 300 ⁽²⁾	G.T. Laboratories	Clear, blue, green, gray, aqua, rose brown	Fluoro-Silicate Acrylic	30
FLUOREX 500 ⁽²⁾		Clear, blue, green, gray, aqua, rose brown	Fluoro-Silicate Acrylic	50
FLUOREX 700 ⁽²⁾		Clear, blue, green, gray, aqua, rose brown	Fluoro-Silicate Acrylic	70
FLUOROPERM 30 ⁽²⁾	Paragon Vision Sciences	Clear, blue, green, gray, majestic blue, crystal blue	Fluorosilicone Acrylate	30
FLUOROPERM 60 ⁽²⁾		Clear, blue, green, brown, crystal blue	Fluorosilicone Acrylate	60
FLUOROPERM 92 ⁽²⁾		Clear, blue, green	Fluorosilicone Acrylate	92
FLUOROPERM 151 ⁽²⁾		Blue, crystal blue	Fluorosilicone Acrylate	151
OPTACRYL 60		Blue	Silicone Acrylate	18
PARAGON HDS ⁽²⁾		Forest green, emerald green, sapphire blue, crystal blue	Fluorosilicone Acrylate	58
PARAGON HDS NON-UV		Blue, green	Fluorosilicone Acrylate	58
PARAGON HDS 100 ⁽¹⁾		Blue, green	Fluorosilicone Acrylate	100
PARAGON HDS HI 1.54		Blue, green	Fluorosilicone Acrylate	22
PARAPERM O ₂		Clear, blue, green, electric blue	Silicone Acrylate	15.6
PARAPERM EW		Clear, blue, green	Silicone Acrylate	56
PARAGON THIN ⁽²⁾		Blue, green	Fluorosilicone Acrylate	29
HYBRID FS	Contamac US	Clear, blue, glacier blue, green, grey	Fluorosilicone Acrylate	31
HYBRID FS F/R MOULD		Clear	Fluorosilicone Acrylate	31
OPTIMUM CLASSIC		Blue, glacier blue, green, grey	Fluorosilicone Acrylate	26
OPTIMUM COMFORT		Blue, brown, forest green, glacier blue, green, grey	Fluorosilicone Acrylate	65
OPTIMUM EXTRA		Clear, blue, glacier blue, green, grey	Fluorosilicone Acrylate	100
OPTIMUM EXTREME		Blue, green, glacier blue, grey	Fluorosilicone Acrylate	125
OPTIMUM GP SYSTEM		Blue, green, glacier blue, grey	Fluorosilicone Acrylate	26, 65, 100, 125
OPTIMUM HR 1.51		Blue	Fluorosilicone Acrylate	50
OPTIMUM HR 1.53		Blue	Fluorosilicone Acrylate	26
OP-2	Stellar	Clear, blue, brown, gray, green	Fluorosilicone Acrylate	15
OP-3				30
OP-6				60
SGP, SGP II	The LifeStyle Company	Clear, blue, green, brown, gray	Siloxane Acrylate	22, 43.5
SGP 3		Clear, blue, green, brown, gray	Fluoro-Siloxane Acrylate	43.5
SA 18 ⁽²⁾	Lagado Corp.	Clear, blue, gray, green, brown, dark blue, dark green	Silicone Acrylate	18
SA 32 ⁽²⁾		Clear, blue, gray, green, brown, dark blue, dark green	Silicone Acrylate	32
FLOSI ⁽²⁾		Clear, blue, gray, green, brown, dark blue, dark green	Fluorosilicone Acrylate	26
ONSI-56 ⁽²⁾		Blue, green, gray, blue-violet, clear	Fluorosilicone Acrylate	56
TYRO-97 ⁽²⁾		Clear, blue, green, gray, blue-green	Fluorosilicone Acrylate	97
MENICON Z ^(2,4)	Menicon	Light blue	Fluoro-Siloxanyl Styrene	163

(1) ISO/Fatt method (2) UV absorber/inhibitors available (3) gas-to-gas method (4) Approved for 30-day extended wear

GP Extended Wear Custom Design Materials

Trade Name	Manufacturer	Color	Material	Dk ⁽¹⁾
BOSTON EQUALENS ⁽²⁾	Bausch + Lomb	Blue	Fluorosilicone Acrylate	49 ⁽¹⁾
BOSTON EQUALENS II ⁽²⁾		Clear, blue, green	Fluorosilicone Acrylate	85
FLUOROPERM 60 ⁽²⁾	Paragon Vision Sciences	Clear, blue, green, crystal blue	Fluorosilicone Acrylate	60
FLUOROPERM 92 ⁽²⁾		Clear, blue, green	Fluorosilicone Acrylate	92
FLUOROPERM 151 ⁽²⁾		Blue, green	Fluorosilicone Acrylate	151
PARAGON HDS ⁽²⁾		Forest green, emerald green, sapphire blue, crystal blue	Fluorosilicone Acrylate	58
PARAGON HDS 100		Blue, green	Fluorosilicone Acrylate	100
PARAPERM EW		Clear, blue, green	Silicone acrylate	56
MENICON Z	Menicon	Light blue	Fluoro-Siloxanyl Styrene	163 to 250

(1) ISO/Fatt method (2) UV absorber/inhibitors available. All are FDA approved for 7-day wear. Menicon Z is approved for 30-day wear.

Rigid Contact Lens Solutions

Major Brand Solutions

Manufacturer	Solution	FUNCTION								
		Wetting	Daily Cleaner	Weekly Cleaner	Soaking	Cleaning/ Soaking	Wetting/ Soaking	Lubricant	Preservatives*	Approval**
ABBOTT MEDICAL OPTICS (AMO)	Blink Contacts							X	None	S.A., F.S.A.
	Complete Blink-N-Clean Lens Drops							X	11	S.A., F.S.A.
ALCON	Clerz Plus Lens Drops						X	X	2, 7	S.A., F.S.A.
	Opti-Clean II		X						2, 7	S.A., F.S.A.
	Opti-Free Daily Cleaner		X						7	F.S.A.
	SupraClens		X						None	S.A., F.S.A.
	Unique-pH Multi-Purpose Solution	X			X	X	X	X	7	S.A., F.S.A.
BAUSCH + LOMB	Boston Original Formula Cleaner		X						None	S.A., F.S.A.
	Boston Original Formula Conditioning Solution						X		2, 6	S.A., F.S.A.
	Boston Advance Cleaner		X						None	S.A., F.S.A.
	Boston Advance Comfort Formula Conditioning Solution						X		2, 6, 11	S.A., F.S.A.
	Boston Rewetting Drops							X	2,6	S.A., F.S.A.
	Boston Simplus Multi-Action Solution	X	X		X	X	X	X	6, 11	S.A., F.S.A.
	Boston One Step Liquid Enzymatic Cleaner			X					None	S.A., F.S.A.
	Concentrated Cleaner		X						None	S.A., F.S.A., P.M.M.A.
Wetting & Soaking Solution							X	2, 6	S.A., F.S.A., P.M.M.A.	
CIBA VISION	Clear Care No Rub					X			14	S.A., F.S.A.
CONTAMAC US	Optimum GP System	X	X			X	X		12, 3	S.A., F.S.A.
CONTEX	Clear/Clean		X		X	X			None	S.A., F.S.A.
	Polish Brite		X						None	S.A., F.S.A.

* PRESERVATIVES

1 = Thimerosal
 2 = Edetate Disodium
 3 = Benzalkonium Chloride
 4 = Boric Acid
 5 = Sorbic Acid

6 = Chlorhexidine
 7 = Polyquad
 8 = Chlorobutanol
 9 = Phenylmercuric Nitrate

10 = Potassium Sorbate
 11 = Polyaminopropyl Biguanide
 12 = Benzyl Alcohol
 13 = Polixetonium Chloride

** APPROVALS

S.A. = Siloxane acrylates
 F.S.A. = Fluoro-siloxane acrylate
 P.M.M.A. = Polymethyl-methacrylate

Major Brand Solutions - continued

Manufacturer	Solution	FUNCTION								
		Wetting	Daily Cleaner	Weekly Cleaner	Soaking	Cleaning/ Soaking	Wetting/ Soaking	Lubricant	Preservatives*	Approval**
LOBOB	Cleaner		X						--	P.M.M.A.
	Optimum Extra Strength Cleaner		X						--	S.A., F.S.A.
	Soaking Solution				X				2, 3	P.M.M.A.
	Optimum Wetting/Rewetting Drop	X						X	12	S.A., F.S.A.
	Wetting Solution	X							2,3	P.M.M.A.
	Optimum Cleaning, Disinfecting, Storage			X			X		12	S.A., F.S.A.
MENICON	MeniCare G.P. Cleaning, Disinfecting, Storage		X			X			2, 12	S.A., F.S.A.
	MeniCare Wetting and Rewetting	X							2, 5, 12	S.A., F.S.A.
	Progent Protein Remover (for in-office use)			X					None	S.A., F.S.A.
OPTIKEM INT'L	Sereine Wetting	X							3, 2	P.M.M.A.
	Sereine Cleaning		X						3, 2	S.A., F.S.A.
	Sereine Soaking/Cleaning					X			3, 2	P.M.M.A.
	Con-Sure Cleaning (lab strength)		X							P.M.M.A.
	Sereine Wetting/Soaking							X	3, 2	S.A., F.S.A.

* PRESERVATIVES

1 = Thimerosal
2 = Edetate Disodium
3 = Benzalkonium Chloride
4 = Boric Acid
5 = Sorbic Acid

6 = Chlorhexidine
7 = Polyquad
8 = Chlorobutanol
9 = Phenylmercuric Nitrate

10 = Potassium Sorbate
11 = Polyaminopropyl Biguanide
12 = Benzyl Alcohol
13 = Polixetonium Chloride

** APPROVALS

S.A. = Siloxane acrylates
F.S.A. = Fluoro-siloxane acrylate
P.M.M.A. = Polymethyl-methacrylate

Soft Contact Lens Solutions

Non-Thimerosal Preserved Saline

Manufacturer	Trade Name	Formulation
Bausch + Lomb	Sensitive Eyes Saline Solution	A sterile, isotonic, buffered solution containing boric acid, sodium borate and sodium chloride; preserved with sorbic acid 0.1% and edetate disodium 0.025%
	Sensitive Eyes Plus Saline Solution	A sterile, isotonic, buffered solution containing boric acid, sodium borate, potassium chloride, sodium chloride preserved with polyaminopropyl biguanide 0.00003%, and edetate disodium 0.025%

Unpreserved Saline

Manufacturer	Trade Name	Formulation
Alcon	Unisol 4	Buffered saline in 4 oz. bottles
PuriLens Plus	PuriLens Solution	Isotonic, buffered saline in 4 oz. bottles

Daily Cleaners

Manufacturer	Trade Name	Formulation
Alcon	Opti-Clean II	An isotonic formulation containing tween 21, and special polymeric cleaning agents preserved with edetate disodium 0.1% and Polyquad 0.001% (polyquartenium-1)
	Opti-Free Daily Cleaner	An isotonic formulation containing tween 21 and microlens beads preserved with EDTA 0.1% and Polyquad 0.001% (polyquartenium-1)
Bausch + Lomb	Sensitive Eyes Daily Cleaner	Easy-rinsing formula with balanced viscosity, containing poloxamine, a borate buffer system sodium chloride, hydroxypropyl-methylcellulose, preserved with edetate disodium 0.5% and sorbic acid 0.25%
LoBob	Sof/Pro-Clean	Three specific surfactants and an anti fungal, all water soluble preserved with sorbic acid 0.1%, trisodium EDTA 0.25%
Optikem International	Sereine Extra Strength Daily Cleaner	Preservative-free; containing isopropyl alcohol and surfactants

Weekly Cleaners (Protein Removers)

Manufacturer	Trade Name	Formulation
Abbott Medical Optics (AMO)	Ultrazyme Enzymatic Cleaner	Subtilisin A; for use directly in a 3% hydrogen peroxide disinfection solution
Ciba Vision	Unizyme Enzymatic Cleaner	Subtilisin A

Daily Protein Removers

Manufacturer	Trade Name	Formulation
Alcon	Opti-Free Supracleans Daily Protein Remover	A preservative-free solution containing propylene glycol, sodium borate and highly purified pancreatin enzymes
Bausch + Lomb	Renu 1 Step Daily Liquid Protein Remover	Proteolytic enzyme (subtilisin), glycerin and borate buffer

Disinfecting Solutions and Combinations

Manufacturer	Trade Name	Formulation
Abbott Medical Optics (AMO)	Complete MPS Easy Rub Formula	A sterile, isotonic, buffered solution, preserved with polyhexamethylene biguanide (0.0001%), a phosphate buffer, Poloxamer 237, edetate disodium, sodium chloride, potassium chloride, and purified water. Complete Multi-Purpose Solution contains no chlorhexidine or thimerosal
	RevitaLens OcuTec Multi-Purpose Disinfecting Solution	A sterile, buffered aqueous solution with alexidine dihydrochloride 0.00016% and polyquaternium-1 0.0003% as preservatives/disinfectants, boric acid, sodium borate, Tetronic 904, edetate disodium, sodium citrate, sodium chloride, and purified water
Alcon	Opti-Free Express MPDS No Rub Lasting Comfort Formula	A sterile, buffered, isotonic, aqueous solution containing sodium citrate and sodium chloride, with edetate disodium 0.05%, Polyquad (polyquaternium-1) 0.001% and Aldox as preservatives
	Opti-Free Replenish Multi-Purpose Disinfecting Solution	A sterile, buffered, isotonic, aqueous solution used to clean, rinse, disinfect, store and recondition silicone hydrogel and soft contact lenses. Contains sodium borate, sodium chloride, propylene glycol, sodium citrate, TearGlyde (Tetronic 1304 and C-9 ED 3A) as a reconditioning agent and Polyquad and Aldox as preservatives
Bausch + Lomb	Biotrue Multi-Purpose Solution	A sterile, isotonic solution that contains hyaluronan, sulfobetaine, poloxamine, boric acid, sodium borate, edetate disodium and sodium chloride and preserved with a dual disinfection system (polyaminopropyl biguanide 0.00013% and polyquaternium 0.0001%)
	Renu Fresh Multi-Purpose Solution With Protein Remover	Sterile isotonic solution containing Hydranate (hydroxyalkyl phosphonate), boric acid, edetate disodium, poloxamine, sodium borate and sodium chloride, preserved with Dymed (polyaminopropyl biguanide) 0.0001%
	ReNu Sensitive Multi-Purpose Solution Gentle Formula	Sterile isotonic solution containing boric acid, edetate disodium, poloxamine, sodium borate and sodium chloride. Preserved with Dymed (polyaminopropyl biguanide) 0.00005% and edetate disodium 0.1%
Ciba Vision	Aquify MPS	5 Minute Multi-Purpose Solution For cleaning, rinsing, disinfecting and storage for soft contact lenses including silicone hydrogels Indicated for daily protein removal of lenses replaced in 30 days or less Preserved with polyhexanide 0.0001%
Sauflon Pharmaceuticals	Sauflon All in One Lite No Rub Multipurpose Solution	A sterile, isotonic solution that contains poloxamer, sodium phosphate buffer, sodium chloride and disodium edetate; preserved with polyhexanide 0.0001%. Contains no chlorhexidine or thimerosal

Hydrogen Peroxide Disinfection

Manufacturer	Trade Name	Formulation
Abbott Medical Optics (AMO)	The Oxyssept UltraCare Formula Disinfecting/Neutralizer	Oxyssept disinfecting solution: Microfiltered Hydrogen peroxide 3% (stabilized with sodium stannate and sodium nitrate, and buffered with Phosphates) and purified water in a preservative-free, sterile solution
		Oxyssept neutralizing tablets: Smooth, round, tablets that contain catalase, hydroxypropyl methylcellulose and cyanocobalamin (vitamin B ₁₂) with buffering and tableting agents
		Oxyssept Cup: A specifically designed lens cup that must be used with the UltraCare system. It consists of a single flared cup and a lens holder attached to the cap. The left lens basket and the gasket inside the top of the cap are blue. This will distinguish this cup from other lens cases
Ciba Vision	AOSsept Disinfection/Neutralization Solution	A sterile ophthalmic solution containing microfiltered hydrogen peroxide 3%, sodium chloride 0.85%, stabilized with sodium stannate and sodium nitrate and buffered with phosphates
	Disposable cup/disc packaged with product	Platinum-coated catalytic disc used for automatic neutralization in the AOSsept System
	Clear Care No Rub	Cleaning and disinfecting solution (red tip) 3% hydrogen peroxide, 0.79% sodium chloride, stabilized with phosphoric acid, a phosphate buffered system and Pluronic 17R4 (a cleaning agent). One solution for cleaning, disinfecting and removing protein for all soft contact lenses
Sauflon	One Step	One step cleaning and disinfecting solution with 3% hydrogen peroxide, built-in cleaner and wetting agent for all soft contact lenses

Subsonic/UVC Disinfection

Manufacturer	Trade Name	Formulation
PuriLens, The LifeStyle Company	PuriLens Plus Unit	15-minute automatic cleaning and disinfecting system. Subsonic agitation creates hydrodynamic shear to clean lenses. UVC light cross-links DNA in microorganisms or cells and causes instant death

Lubricants/Rewetting Drops

Manufacturer	Trade Name	Formulation
Abbott Medical Optics (AMO)	Blink Contacts Lubricant Eye Drops	A sterile, buffered, isotonic, preserved solution. This aqueous formulation includes purified water, sodium hyaluronate, sodium chloride, potassium chloride, calcium chloride, magnesium chloride, boric acid and is preserved with OcuPure (stabilized oxychloro complex) 0.005%. This preparation contains no chlorhexidine, no thimerosal and no other mercury containing ingredients
	Complete Lubricating and Rewetting Drops	A sterile, isotonic, buffered aqueous formulation that contains purified water, sodium chloride; preserved with polyhexamethylene biguanide 0.0001%, buffered with tromethamine as an emulsifier, hydroxypropyl methylcellulose as a lubricant, tyloxapol as a surfactant, and edetate disodium as a chelating agent. This preparation contains no chlorhexidine, no thimerosal and no other mercury containing ingredients
	Complete Blink-N-Clean Lens Drops	A sterile, isotonic, buffered aqueous formulation that contains purified water, sodium chloride; preserved with polyhexamethylene biguanide 0.0001% buffered with tromethamine as an emulsifier, hydroxypropyl methylcellulose as a lubricant, tyloxapol as a surfactant and edetate disodium as a chelating agent. This preparation contains no chlorhexidine, no thimerosal and no other mercury containing ingredients
Allergan	Refresh Contacts	Sterile, isotonic, buffered, preserved solution containing carboxymethylcellulose sodium, sodium chloride, boric acid, potassium chloride, calcium chloride, magnesium chloride, purified water and is preserved with Purite (stabilized oxychloro complex)
Alcon	Opti-Free Express Rewetting Drops	A sterile, buffered, isotonic aqueous solution that contains a citrate buffer and sodium chloride with edetate disodium 0.05% and Polyquad 0.001% preservative
	Clerz Plus Lens Drops	A rewetting and lubricating drop that fights protein buildup during lens wear. A sterile, buffered, isotonic aqueous solution that contains citrate/borate buffer and sodium chloride with edetate disodium and polyquad as preservatives and RLM 100 (PEG-11 laurel ether carboxylic acid) and tetronic 1304
	Opti-Free Replenish Rewetting Drops	A rewetting and lubricating drop that fights protein buildup during lens wear. A sterile, buffered, isotonic aqueous solution that contains citrate/borate buffers and sodium chloride with edetate disodium and Polyquad as preservatives and RLM 100 (PEG 11 laurel ether carboxylic acid) and tetronic 1304
Bausch + Lomb	ReNu Rewetting Drops	Sterile, isotonic, solution that contains boric acid, poloxamine, sodium borate, and sodium chloride; preserved with sorbic acid 0.15% and edetate disodium 0.1%
	ReNu MultiPlus Lubricating and Rewetting Drops	A sterile, isotonic solution that contains povidone boric acid, potassium chloride, sodium borate and sodium chloride; preserved with edetate disodium 0.1% and sorbic acid 0.1%
	Sensitive Eyes Drops	Sterile, buffered, isotonic aqueous solution containing a borate buffer system and sodium chloride preserved with sorbic acid 0.1% and edetate disodium 0.025%
Ciba Vision	Aquify Long Lasting Comfort Drops	A sterile solution containing sodium hyaluronate, sodium chloride, sodium phosphate and sodium perborate stabilized with phosphonic acid as a preservative. For use with soft and GP lenses

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