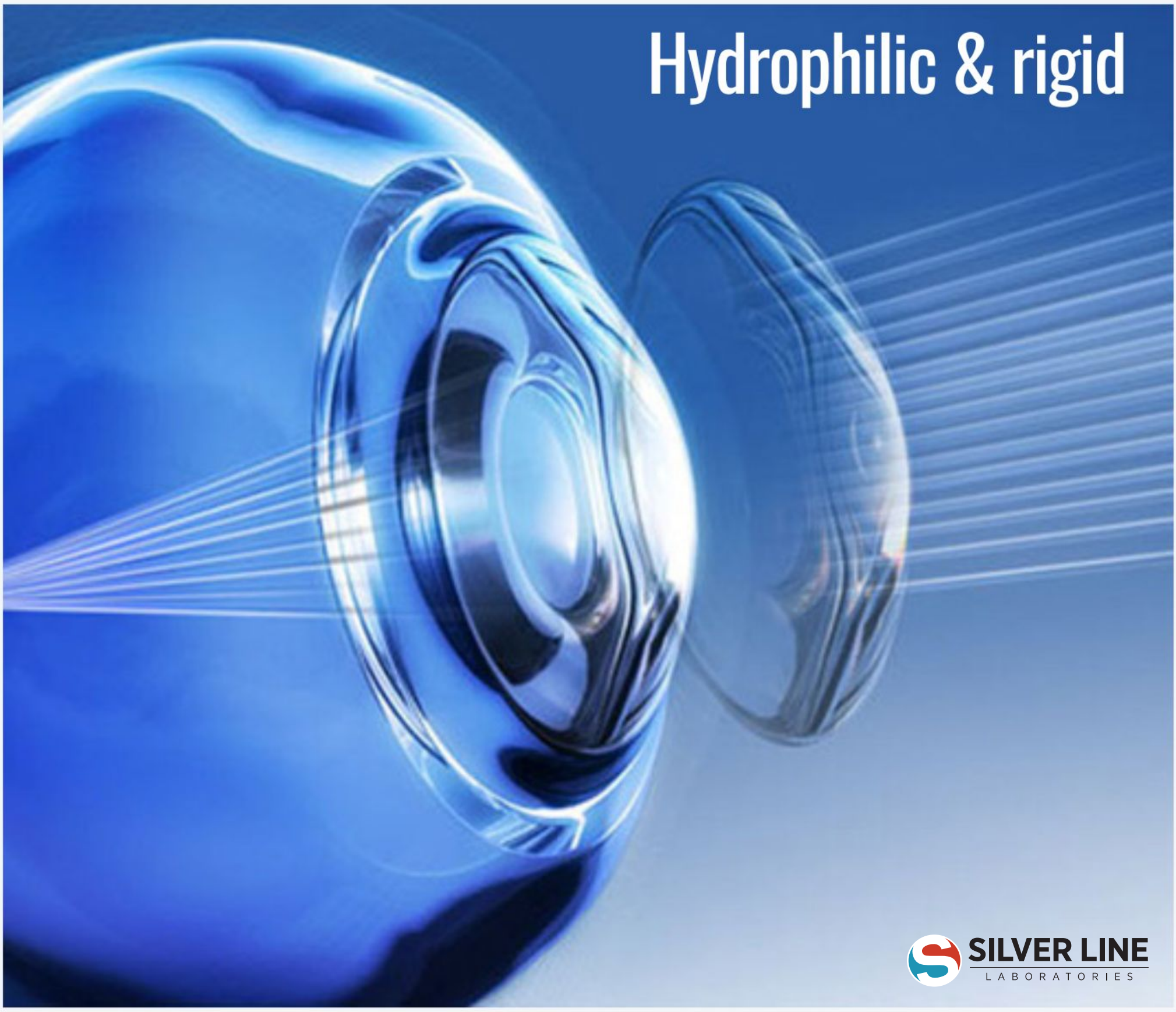
McAsfeer*

CONTACT LENS



LITERATURE

TYPES | SPECIFICATION | KEY FEATURES | PRODUCTION RANGE

Edition 4

September 2026



HYDROPHILIC

McAsfeer*

SILVER LINE LABORATORIES

PRODUCT RANGE

Hydrophilic

1-2 Therapeutic Plus™

3 Pterygo

4 Prosthetic

5 Diagnostic

6 Inventory Yearly lens

7 Q3- Monthly

8 UV Filter

9 Supersoft 45

10 Silver 09

11 Silver 11

12 Axis Toric DW

13 O2X-Asfeer

14 Hydra plus

15 FRL Pro Quarterly

16-17 Naturelle Eyes™

18 Production Range

19 Soft Paediatric Contact Lens



McAsfeer* - Multi curve Back Aspheric Lens geometry*

McAsfeer*

SILVER LINE LABORATORIES

THERAPEUTIC PLUS™

Soft Bandage Contact Lens

ADVANTAGES/ LENS APPLICATION

- Protects Corneal Epithelium
- Pain Relief
- Works as Drug Delivery System
- Prevents Mechanical Damage From Lids
- Protects Cornea From Abrasion
- Promotes Epithelial Healing
- Foreign Body Sensation Relief From Filaments
- Corrects Irregular Corneal Surface Abnormality
- Act as a Bandage In Corneal Laceration

INDICATIONS

- Keratoplasty
- Drug Delivery
- Aqueous Leaks
- Non-Healing Ulcers
- Bullous Keratopathy
- Post-Operative Protection
- Mechanical Protection

MATERIAL SPECIFICATION

Material	Water Content	DK(35*C, FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	UV-Filtration	Modality
Filcon II 1	58% & 70%	21& 43	>94%	0.48 MPa	150%	UVA+UVB	Yearly

KEY FEATURES

- Ideal In Dry Eye Conditions
- Resistance To Protein Build Up
- Filters Harmful Uv Light Transmission
- Complete Dimensional Stability On Eye
- Non Reactive Material And Highly Water Retentive
- Low Abrasion On The Eye Due To Self Lubricating Material

THERAPEUTIC PLUS™

Soft Bandage Contact Lens

Hydrogel Lens 1 Lens Pack

DIA : 14.00 & 14.50 MM

SILVER LINE LABORATORIES

therapeutic plus Bandage Contact Lens

Corneal Tear *Corneal Laceration* *Corneal Perforation*

Post Traumatic *Non Healing Ulcers*

YEARLY

58% W/C

Filcon II 1

Hydrogel Lens 1 Lens Pack

DIA : 15.00 & 16.00 MM

SILVER LINE LABORATORIES

therapeutic plus Bandage Contact Lens

Post Kpro Surgery *Post Traumatic* *Mechanical Protection*

Bullous Keratopathy *Post PRK* *Post Keratoplasty*

YEARLY

58% W/C

Filcon II 1

Hydrogel Lens 1 Lens Pack

DIA : 14.50 to 20.00 MM

SILVER LINE LABORATORIES

high water content Soft Contact Lens

Bleb Leakage *Corneal Edema Management*

Drug Delivery

YEARLY

70% W/C

Filcon II 2

Hydrogel Lens 6 Lens Pack

DIA : 14.20 MM

Purecon*

Q3 Monthly Bandage Contact Lens

Post Lasik *Infiltration*



MONTHLY

58% W/C

Etafilcon A

Hydrogel Lens 1 Lens Pack

DIA : 12.00 to 20.00 MM

SILVER LINE LABORATORIES

high water content Soft Contact Lens

Extra Large Diameter Lenses

Customised Bandage Lenses For Experiments On Animal Eyes

And Speciality Customised Soft Lens For Challenging Cases

YEARLY

70% W/C

Filcon II 2

McAsfeer*

SILVER LINE LABORATORIES

PTERYGO
PTERYGIUM GONE → FOREVER

Hydrophilic Aspheric Scleral Bandage - Soft Contact Lens

ABOUT

PTERYGO is a hydrophilic aspheric scleral bandage lens material has novel polymerisation technique together with using highest purity monomers. This high water content lens offer a great DK that leads to more comfortable wearing characteristic and an excellent performance on the eye. 75% water content in the material offers opportunity in extend wearing and can be used as therapeutic lens applications as drug delivery.

MATERIAL SPECIFICATION

BC	Power. D	Diameter	Material	Water Content	DK(35*C, FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	Modality
Aspheric	0.00	21mm	Falcon II 2	75%	43	>94%	0.17 MPa	170%	Single Use

UNIQUE COMBINATION OF LENS MATERIAL AND GEOMETRY PROVIDES

- **Large Diameter :** For better lens cent-ration & no risk of displacement.
- **Aspheric Lens Geometry :** For better lens alignment on the conjunctiva enhances ultimate performance on the eye.
- **Opposite Lens Geometry :** For easily escape trapped air bubbles underneath the lens during placement.
- **High Water Content Material :** Non reactive water retentive material for better drug absorption and release slowly.
- **Minimise Mechanical Abrasions :** It reduces (almost null) upper eye lid interaction with ocular surface after the surgeries.
- **Wound Healing :** It enhance epithelium/ocular surface healing rapidly, after any surgical intervention.
- **Tear Film :** It maintain slightly thicker tear film compare to normal, hence can be a answer to minor corneal irregularities.
- **Dimensional Stability :** It stays completely saturated and dimensionally stable on the eye and retains excellent lens performance.

Procedure





PTERYGO- *the best way to do sure and secure Pterygium Surgery*



Dr. J M Kakadia

Designed & Clinical Trials Done By

Dr. R C Shah

MATERIAL DEVELOPED BY **CONTAMAC LTD. UK**

McAsfeer*

SILVER LINE LABORATORIES

PROSTHETIC

Soft Tinted Contact Lens For Colour Matching & Visual Enhancement

TYPES OF LENSES

Type D	Type C	Type O	Type R	X- Chrome Red Filter	Hi-Contrast Embermetic	Hi-Contrast Greyish Green	Scleral Regenration	Occluder
								

MATERIAL SPECIFICATION

Material	Water Content	DK(35*C, FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	Tinting Colours	Modality
Filcon II 2	70%	43	>95%	0.17MPa	170%	UV-Hema Dyes	Yearly

PRODUCT RANGE

Lens Parameters	Base Curve (mm)	Power Range (D. Sph.)	Overall Lens Diameter (mm)	Visible Iris Diameter (mm)	Black Pupil Diameter (mm)	Clear Pupil Diameter (mm)
Standard Range	Median	0.00	14.00 & 14.50	11.80	4.50	4.50
RX Range	7.20 to 10.00	±15.00	12.00 to 20.00	10.00 to 12.50	2.00 to 9.00	2.00 to 6.00

SHADE CARD

Shades Of Brown	Very Dark	Dark	Medium	Light Medium	Light	Very Light
Chocolate Brown						
Reddish Brown						
Rat Brown						
Greyish Brown						

DIAGNOSTIC

Soft Conventional Lenses For Trial Sets

PAEDIATRIC SOFT LENS TRIAL SET

BC	BVP	DIA
PG1	+30.00	11.00
PG1	+25.00	12.00
PG2	+30.00	11.50
PG2	+25.00	12.50
PG3	+30.00	13.00
PG3	+25.00	14.00
	Total	6

BC	BVP	DIA
PG1	+20.00	11.00
PG1	+15.00	12.00
PG2	+20.00	11.50
PG2	+15.00	12.50
PG3	20.00	13.00
PG3	+15.00	14.00
	Total	6

Material Specification : *High Water Content - 70% - Filcon II 2 - Yearly Disposable*

SOFT LENS TRIAL SET

BC	BVP Minus	BVP Minus	BVP Minus	BVP Plus	BVP Plus	DIA
PG-3	-6.00	-12.00	-20.00	-	-	14.00
M1X	-5.00	-11.00	-19.00	+6.00	+16.00	14.00
Median	-4.00	-10.00	-18.00	+5.00	+18.00	14.00
M39X	-3.00	-9.00	-16.00	+4.00	+20.00	14.50
M56X	-2.00	-8.00	-15.00	-	-	14.50
	Total					21

Material Specification : *Low Water Content - 45% - pHEMA - Polymacon - Yearly Disposable*

SOFT PROSTHETIC LENS TRIAL SET (TYPE D)

BC	DIA	SAG	ASPHERICITY
PG-1	14.00	456	Back Aspheric Lens Geometry
PG-1	14.50	500	
PG-2	14.00	435	
PG-2	14.50	474	
PG-2	15.00	546	
PG-3	14.00	416	
PG-3	15.00	517	
M1X	14.00	397	

BC	DIA	SAG	ASPHERICITY
M1X	14.50	440	Back Aspheric Lens Geometry
M	14.00	366	
M2X	14.50	387	
M2X	15.00	425	
M39X	14.50	373	
M56X	14.00	329	
M56X	14.50	360	
M56X	15.00	394	

Material Specification : *High Water Content - 70% - Filcon II 2 - Yearly Disposable*

McAsfeer*

SILVER LINE LABORATORIES

INVENTORY YEARLY LENS

Soft Conventional Lenses For Trial Sets

INVENTORY FORMAT

BC	BVP	BVP	DIA
MEDIAN	-0.50	-7.50	14.00
MEDIAN	-0.75	-8.00	14.00
MEDIAN	-1.00	-8.50	14.00
MEDIAN	-1.25	-9.00	14.00
MEDIAN	-1.50	-9.50	14.00
MEDIAN	-1.75	-10.00	14.00
MEDIAN	-2.00	-10.50	14.00
MEDIAN	-2.25	-11.00	14.00
MEDIAN	-2.50	-11.50	14.00
MEDIAN	-2.75	-12.00	14.00
MEDIAN	-3.00	-12.50	14.00
MEDIAN	-3.25	-13.00	14.00
MEDIAN	-3.50	-13.50	14.00
MEDIAN	-3.75	-14.00	14.00
MEDIAN	-4.00	-14.50	14.00
MEDIAN	-4.25	-15.00	14.00
MEDIAN	-4.50	-15.50	14.00
MEDIAN	-4.75	-16.00	14.00
MEDIAN	-5.00	-16.50	14.00
MEDIAN	-5.25	-17.00	14.00
MEDIAN	-5.50	-17.50	14.00
MEDIAN	-5.75	-18.00	14.00
MEDIAN	-6.00	-18.50	14.00
MEDIAN	-6.50	-19.00	14.00
MEDIAN	-7.00	-20.00	14.00
All Above Mention Powers Are In Pairs Each		**Total = 100** Lenses	

Any Changes To The Above Suggested Inventory Can Be Done As Per Requirement

All The Lenses Will Be Labeled With Lens Parameters And 4 Years Of Expiration From The Date Of Manufacturing

Inventory Lenses Will be Manufactured With **McAsfeer*** Lens Geometry And Required Lens Material

Inventory Lenses Will Be Manufactured And Supplied With FDA Approved Material From ***Benz USA***

Lenses Will Be Sterilised, Individually Packed & Sealed In 5 ml Glass Vial Placed In A Thermacol Trey Of 50 Units

Cleaning, Sterilisation And Resealing Of Any Opened Lens, Provided No Physical Damage, Will Be Complimentary From Silver Line Labs



SILVER LINE LABORATORIES

Q3-MONTHLY

Monthly Six Lens Pack

Monthly Disposable Universal Fit Soft

Q3 Monthly Disposable Soft Contact Lens	
Lens Type	Monthly disposable soft contact lens.
Package Details	Box of six [6] lens, individually blister packed (visibly tinted UV blocking lenses immersed in buffered saline solution.)
Material and Water Content	42% polymer (Etafilcon A) 58% water content

PROPERTIES						
Material	Water Content	Dk (35* C, Fatt Units)	Light Transmission	UV Blocking	Refractive Index	FDA Group
Etafilcon A	58%	12	>95%	UV A & UV B	1.4355	Group IV Water > 50%, Ionic

Lens Specifications						
Base Curv	Diameter	Center Thickness	Power Range	Handling Tint	Packaging	Modality
8.50	14.20	0.08 mm @-3.00	Plano to -6.00 (in 0.25 increment) -6.50 to -12.00 (in 0.50 increment)	Blue	Blister	Monthly

Any modifications in the suggested inventory can be done as per request

All lenses will labeled with lens parameters and 4 years of expiration from the date of manufacturing

Lenses will be sterilised, individually packed & sealed in a plastic blister placed in a box of six [6] lens pack.

All inventory lenses are manufactured with latest technology brought to India by Silver Line Lab

As above lenses are not manufactured by Silver Line Lab. any opened or expired lens will not be exchanged / repacked

ULTRA VIOLET FILTER

UV- Blocker Daily Wear Soft Contact Lens

ABOUT

UV-Filter is a soft contact lens with many unique features: Whether you are playing outdoor game or sitting in front of the computer. Trials have showed that soft UV-Filter lenses further eliminate the disturbing effects of passing abruptly from bright ambient light into dark environments and vice-versa

MATERIAL SPECIFICATION

Material	Water Content	DK(35*C, FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	UV-Filteration	Modality
p-HEMA, (Polymacon)	45%	9	>96%	0.44 MPa	136%	UVA+UVB	Yearly

KEY FEATURES

- Filters Harmful Uv Radiation
- Non-Ionic Water Retentive Material
- Traditional Material With The Latest Design
- Non-Sticky With A Greater Tensile Strength
- Long Lasting Wearing Comfort Due To Unique Edge Profile
- Unique Asfeer Geometry Allows Extended Wearing Schedule

PRODUCT RANGE

Base Curve	Diameter (mm)	Power Range (D. Sph)	Centre Thickness	Lens Design	Edge Design	Handling Tint	Packing
Median	14.00 &14.50	+50.00 to -35.00	0.10 mm @-3.00	Back Aspheric With Tri-Curve Front	Bevelled Peripheral Curves With Thin & Rounded Edges	Blue	Vial

SUPERSOFT 45

Daily wear Soft Contact Lens

ABOUT

This product has its own benefits, the low water content material have greater lens stability and higher tensile strength which suit daily wear applications. Containing very low level of methacrylic acid material is non-ionic and particularly resilient to deposition

MATERIAL SPECIFICATION

Material	Water Content	DK(35*C, FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	Modality
p-HEMA, (Polymacon)	45%	18 x 10^{-11}	>96%	0.44 MPa	136%	Yearly

KEY FEATURES

- Non-Ionic Material
- Positive Wearer Preference
- No Dimensional Changes On The Eye
- Enhanced Comfort And Easy Handling
- Best Performance In Dry Eye Cases/Conditions
- Traditional Material With The Latest Lens Geometry

PRODUCT RANGE

Base Curve	Diameter (mm)	Power Range (D. Sph)	Centre Thickness	Lens Design	Edge Design	Handling Tint	Packing
Median	14.00	+50.00 to -35.00	0.10 mm @-3.00	Back Aspheric With Tri-Curve Front	Bevelled Peripheral Curves With Thin & Rounded Edges	Clear	Vial

SILVER 09

Daily wear Soft Contact Lens

ABOUT

Silver 09 contact lens has been designed with a unique combination of blended anterior surface geometry and our tangential back surface design in order to provide a comfortable and trouble free fit over a large range of eyes. Higher powers are kept to a minimum overall thickness thus maximising comfort and oxygen transmission to the cornea.

MATERIAL SPECIFICATION

Material	Water Content	DK(35*C, FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	UV-Filteration	Modality
p-HEMA, (Polymacon)	38%	12.92 x 10^{-11}	>96%	0.44 MPa	136%	UVA+UVB	Yearly

KEY FEATURES

- Optimal Anterior Periphery And Edge Design Improves Wearing Comfort
- No Dimensional Changes On The Eye
- Positive Wearer Preference
- Best Performance In Dry Eye Cases/Conditions
- Non-Ionic MAterial
- Unique Combination Of Lens Geometry And Material Improves Lens Handling And Better Fit

PRODUCT RANGE

Base Curve	Diameter (mm)	Power Range (D. Sph)	Centre Thickness	Lens Design	Edge Design	Handling Tint	Packing
8.60	14.00	-12.00 to +6.00	0.097 mm @-3.00	Back Aspheric With Tri-Curve Front	Bevelled Peripheral Curves With Thin & Rounded Edges	Light Blue	Vial

SILVER 11

Customised Soft Toric Contact Lens

ABOUT

Silver 11 represents the latest generation of our premium soft toric lens series. Designed using advanced CNC technology, each lens features precision-cut surfaces that enhance stability and visual clarity. The use of our upgraded GM3A material ensures lasting comfort, high oxygen permeability, and superior handling for both corneal and partial residual astigmatism.

MATERIAL SPECIFICATION

Material	Water Content	DK(35*C, FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	Modality
Filcon II 2	58%	25.5 x 10^{-11} @ 35°C	97%	0.44 MPa	150%	Yearly

KEY FEATURES

- Optimal Anterior Periphery And Edge Design Improves Wearing Comfort
- No Dimensional Changes On The Eye
- Stable Toric Orientation Design
- Best Performance In Dry Eye Cases/Conditions
- Advanced Gm3A Material
- Unique Combination Of Lens Geometry And Material Improves Lens Handling And Better Fit

PRODUCT RANGE

Base Curve (mm)	Diameter (mm)	Power Range (D. Sph)	Power Range (Cyl)	Axis	Centre Thickness	Edge Design	Handling Tint	Packing
8.10/8.40/ 8.70/9.00/ 9.30/9.60	14.50 (Standard), 13.50 & 15.00 mm	+20.00 to -20.00	Front Toric: -6.00DC Back Toric:-8.00 DC	Any	0.19 mm @-3.00DS	Front: Lenticular With Prism Ballast. Back: Back surface toric	Blue (Standard), Clear (Optional)	Blister

AXIS

TORIC DW

ABOUT

Axis Toric is a customized soft toric contact lens designed for effective astigmatism correction. Made with advanced acrylate material, it provides stable orientation, clear vision, and excellent comfort for extended wear. The lens also features high hydration and UV protection to support healthy and reliable daily use.

MATERIAL SPECIFICATION

Material	Water Content	DK(35*C, FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	Modality
p-HEMA, (Polymacon)	38%	9	>96%	0.44 MPa	136%	Yearly

KEY FEATURES

- Optimal Anterior Periphery And Edge Design Improves Wearing Comfort
- No Dimensional Changes On The Eye
- Positive Wearer Preference
- Best Performance In Dry Eye Cases/Conditions
- Non-Ionic Material
- Unique Combination Of Lens Geometry And Material Improves Lens Handling And Better Fit

PRODUCT RANGE

Base Curv	Dia (mm)	Power Range (D. Sph)	Power Range (Cyl)	Axis	Marking at 6'O	Centre Thickness	Lens Design	Edge Design	Handling Tint	Packing
8.60	14.00 mm	Plano to -6.00 (step of 0.25) & -6.50,-7.0	-0.50 to -3.00 (step of 0,25) & -3.50,-4.0	160°,170°,180°, 10°,20°, 90°	Blue tint Λ Mark	0.10 mm @-3.00DS	Back Toric	Double slab-off	Clear	Vial

O2X Asfeer

Extended Wear Soft Contact Lens

ABOUT

A soft lens material has novel polymerisation technique together with using highest purity monomers. This high water content material offer a great DK that leads to more comfortable wearing characteristic and an excellent clarity of vision owing the level the water content in the 70% material this offers opportunity in extend wearing and can be used as therapeutic lens applications.

MATERIAL SPECIFICATION

Material	Water Content	DK(35*C) FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	Modality
Filcon II 2	70%	43	>95%	0.17 MPa	170%	Yearly

KEY FEATURES

- Extended Wearing Time
- Water Retentive Material
- Improved Handling Design
- Enhance Comfort And Ocular Health
- Best Performance In Paediatric Lenses
- Best Performance In Therapeutic Lenses
- Resilient To Protein Build-Up Due To Non-Ionic Material
- Only Material Which Can Be Use In Large Diameter Therapeutic Lenses
- A Unique Asfeer Design Enhances Ultimate Whole The Day Lens Performance

PRODUCT RANGE

Base Curve	Diameter (mm)	Power Range (D. Sph)	Centre Thickness	Lens Design	Edge Design	Handling Tint	Packing
Median	10.50 to 20.00	+50.00 to -35.00	0.08 mm (@-3.00)	Back Aspheric with tri-curve front	Bevelled peripheral curves with thin & rounded edges	Clear	Vial

HYDRA PLUS

Extended Wear Soft Contact Lens

ABOUT

These second generations hydrogels are highly competitive with disposable lenses because of the advantageous properties provided by the high level of GMA in these lenses. These lenses out-perform popular consumer hydrogel lenses in on-eye water content, oxygen permeability, dimensional stability, visual acuity and end-day comfort.

MATERIAL SPECIFICATION

Material	Water Content	DK (35*C) FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	UV-Filtration	Modality
p-GMA/HEMA (Hioxifilcon D)	54%	23	>95%	0.48 MPa	150%	UVA+UVB	Yearly

KEY FEATURES

- Maintain Dk During Wear
- Low Scleral Abrasion
- Support Healthy Physiology
- Much Better Wet Ability
- High Water Content On The Eye
- Required No Setting Time
- Completely Saturated On The Eye
- High Performance In Daily Wear

PRODUCT RANGE

Base Curve	Diameter (mm)	Power Range (D. Sph)	Centre Thickness	Lens Design	Edge Design	Handling Tint	Packing
Median	14.50	+50.00 to -35.00	0.08 mm (@-3.00)	Back Aspheric With Tri-Curve Front	Bevelled Peripheral Curves With Thin & Rounded Edges	Ice Blue	Vial

McAsfeer*

SILVER LINE LABORATORIES

FRL PRO- QUARTERLY

Custom- Frequent Replacement Soft Lenses

ABOUT

These second generations hydrogels are highly competitive with disposable lenses because of the advantageous properties provided by the high level of GMA in these lenses. These lenses out-perform popular consumer hydrogel lenses in on-eye water content, oxygen permeability, dimensional stability, visual acuity and end-day comfort.

MATERIAL SPECIFICATION

Material	Water Content	DK (35*C, FATT UNITS)	Light Transmission (@600 nm)	Tensile Strength	Elongation to break	UV-Filtration	Modality
p-GMA/HEMA (Hioxifilcon D)	54%	23	>95%	0.48 MPa	150%	UVA+UVB	Yearly
Filcon II 2	70%	43	>95%	0.17 MPa	170%	Yearly	Filcon II 2

KEY FEATURES

- Maintain Dk During Wear
- Low Scleral Abrasion
- Support Healthy Physiology
- Much Better Wet Ability
- High Water Content On The Eye
- Required No Setting Time
- Completely Saturated On The Eye
- High Performance In Daily Wear

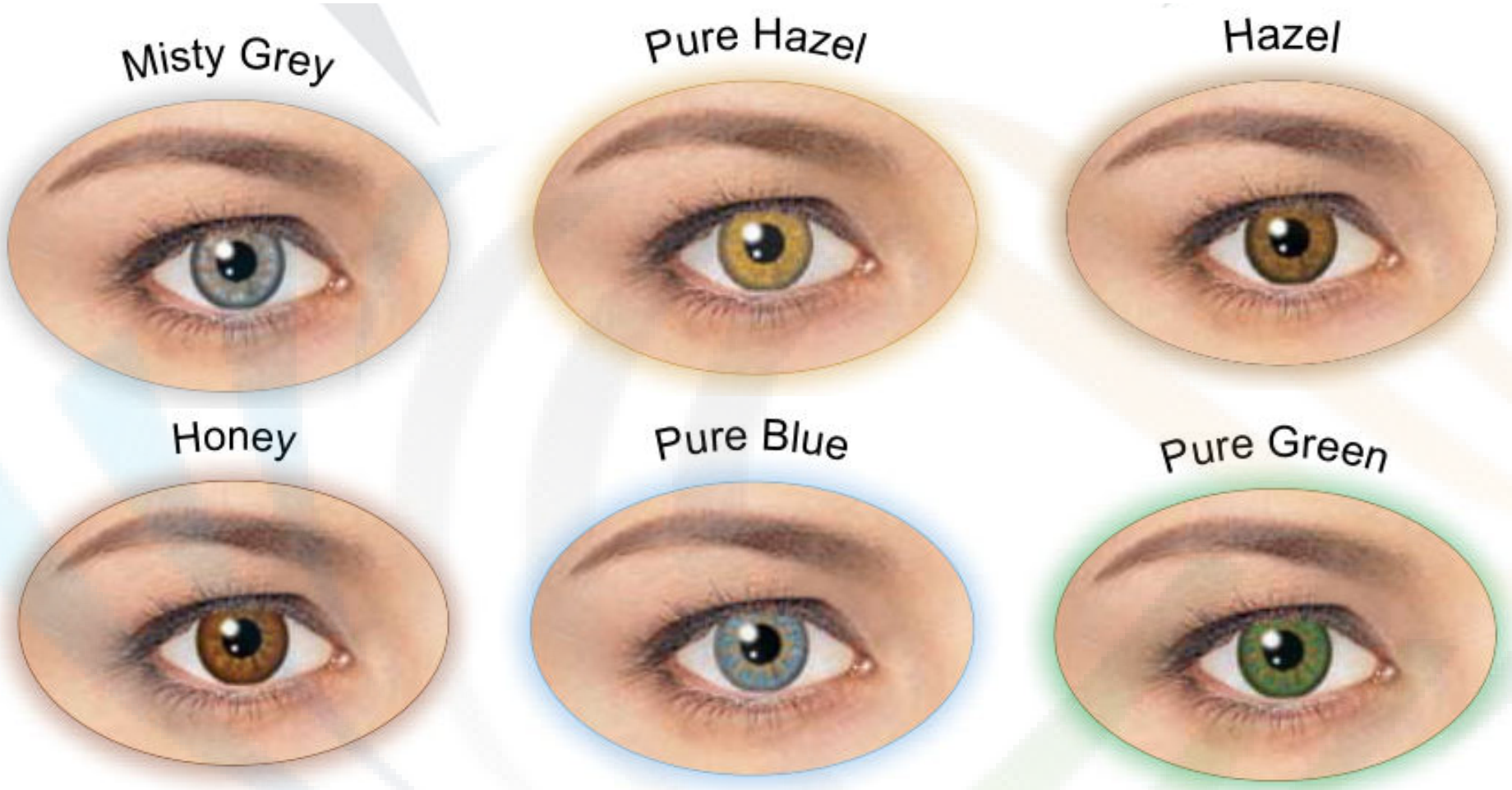
PRODUCT RANGE

Base Curve	Diameter (mm)	Power Range (D. Sph)	Centre Thickness	Lens Design	Edge Design	Handling Tint	Packing
Median	14.50	+50.00 to -35.00	0.08 mm (@-3.00)	Back Aspheric With Tri-Curve Front	Bevelled Peripheral Curves With Thin & Rounded Edges	Ice Blue	Vial

Naturelle Eyes™

Fashion Of The Eyes

Soft Coloured Contact Lenses



ABOUT

Naturelle Eyes contact lens offers a wide range of colours that blends naturally with the eyes to morph a bright and beautiful look. Naturelle Eyes coloured lenses blend naturally with your own eye colour to create a natural look. Finding a fresh and natural look is easy with 6 dazzling colours. Now every new day can bring a new look whether you want to be sweet, lovable, sensuous, romantic or simply seductive. Naturelle Eyes provides brilliant colours and comfortable vision.

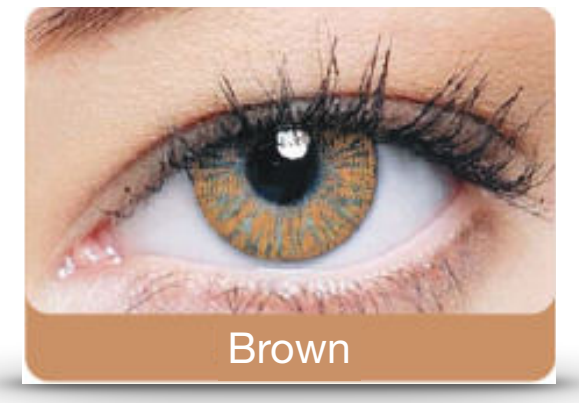
PRODUCT RANGE

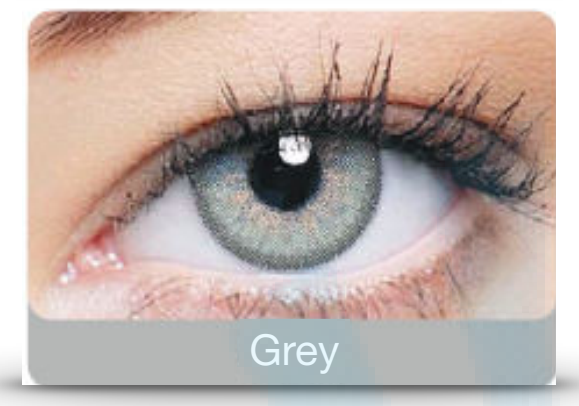
WC	Dk	Base Curve	Dia (mm)	Power Range (D. Sph)	Colors	Technology	Material	Availability
38%	9	8.60	14.00	Plano to -7.00	Hazel, Misty Grey, Honey, Pure Green, Pure Blue, Pure Hazel	Sandwich	pHEMA	Ready Stock

Naturelle Eyes™

MAGNIFIQUE BLEND 3

Color Contact Lenses











PRODUCT RANGE

Water Content	38%
Dk	9
Base Curve	8.60
Dia (mm)	14.00
Power Range (D. Sph)	Plano to -7.00
Colors	Brown, Grey, Hazelnut, Jade Green, Sky Blue
Technology	Sandwich
Material	pHEMA
Availability	Ready Stock
Modality	Conventional

PRODUCTION RANGE

Fitting Range For Back Aspheric Soft Contact Lenses

ABOUT

MEDIAN : A uni-fit Asfeer Soft Contact Lens geometry, which has Aspheric Back, Tri-Curve Front with Beveled Peripheral Curves with Thin & Rounded Edges. Median is based on 8.40mm of radius with 14.00mm & 14.50mm overall diameter. Median covers large numbers of corneas and gives very good performance in fitting curvatures like 8.20mm to 8.70mm.

We have also introduced some more unfit curvatures to meet precise fittings requirements for steep, steepest, flat & flattest corneas such as in Paediatric, High Myopia, Post Lasik, Trauma etc., which are as PG-1, PG-2, PG-3, M-1X, M-2X, M-39X, M-56X.

"PG" stands for Paediatric Lens Geometry | "M" stands for Multi curve- Back Aspheric lens Geometry

Asfeer Curvatures	PG-1 (mm)	PG-2 (mm)	PG-3 (mm)	M-1X (mm)	MEDIAN (mm)	M-2X (mm)	M-39X (mm)	M-56X (mm)
Asfeer Curvature based on	7.40	7.60	7.80	8.00	8.40	8.60	8.80	9.00
Suggested BC coverage range	7.20 to 7.60	7.40 to 7.80	7.60 to 8.00	7.80 to 8.30	8.20 to 8.70	8.30 to 8.80	8.70 to 9.10	9.00 to 9.50
Suggested diameters	12.50 to 14.00			14.00	14.00 to 14.50	14.50		14.50 to 15.00
All above suggested curvatures can be differ in some cases due to high mass weight in high power lenses. It is advised to consider the lens fit while ordering the final high power lens as it may perform a low ride lens.								

SILVER LINE PRODUCTION RANGE FOR SOFT CONTACT LENS

Parameter range	Base Curvatures	BVP (D Sph)	Diameters (mm)	Water contents
	7.00mm to 9.80mm	+50.00 to -35.00	10.50 to 20.00	38% to 70%
Standard Range	M1X, Median, M2X	+10.00 to -15.00	14.00 & 14.50	
Rx Range	PG-1, PG-2, PG-3, M-39X, M-56X and above	+50.00 to +10.25 -35.00 to -15.25	10.50 to 20.00 (Except 14.00 & 14.50)	
All above given parameters for production range are subject to different water contents.				

Apart from all above given parameters range we also welcome all type of challenging or R&D jobs.

McAsfeer*

SILVER LINE LABORATORIES

SOFT PAEDIATRIC LENS

Fitting Range For Back Aspheric Soft Paediatric Contact Lenses

BASE CURVE 7.00mm PG-0

DIA	SAG	Power Range	ASPHERICITY
10.50	234	-35.00 DSph to +50.00 DSph	Monocut Lens Geometry
11.00	263		
11.50	295		
12.00	332		
12.50	375		
13.00	425		

BASE CURVE 7.40mm PG-1

DIA	SAG	Power Range	ASPHERICITY
11.00	247	-35.00 DSph to +50.00 DSph	Monocut Lens Geometry
11.50	276		
12.00	309		
13.00	388		
13.50	407		Back Aspheric Lens Geometry
14.00	456		

BASE CURVE 7.60mm PG-2

DIA	SAG	Power Range	ASPHERICITY
11.00	239	-35.00 DSph to +50.00 DSph	Monocut Lens Geometry
11.50	267		
12.00	298		
12.50	333		
13.00	372		
13.50	391		Back Aspheric Lens Geometry
14.00	435		
14.50	474		

BASE CURVE 7.80mm PG-3

DIA	SAG	Power Range	ASPHERICITY
11.00	232	-35.00 DSph to +50.00 DSph	Monocut Lens Geometry
11.50	258		
12.00	288		
12.50	320		
13.00	356		
13.50	378		Back Aspheric Lens Geometry
14.00	416		
14.50	463		

BASE CURVE 8.00mm M1X

DIA	SAG	Power Range	ASPHERICITY
11.00	216	-35.00 DSph to +50.00 DSph	Monocut Lens Geometry
11.50	240		
12.00	266		
12.50	294		
13.00	325		
13.50	359		
14.00	397		
14.50	440		

"PG" stands for Paediatric Lens Geometry | "M" stands for Multi curve- Back Aspheric lens Geometry

LITERATURE

RIGID GAS PERMEABLE

McAsfeer*

SILVER LINE LABORATORIES

PRODUCT RANGE

Rigid

20 Production Range

21-22 Product Specification

23 Kerato Genius™ Scleral lens

24 Kerato Genius™ SL Trial Set

25 Kerato Genius™ Orthokeratology

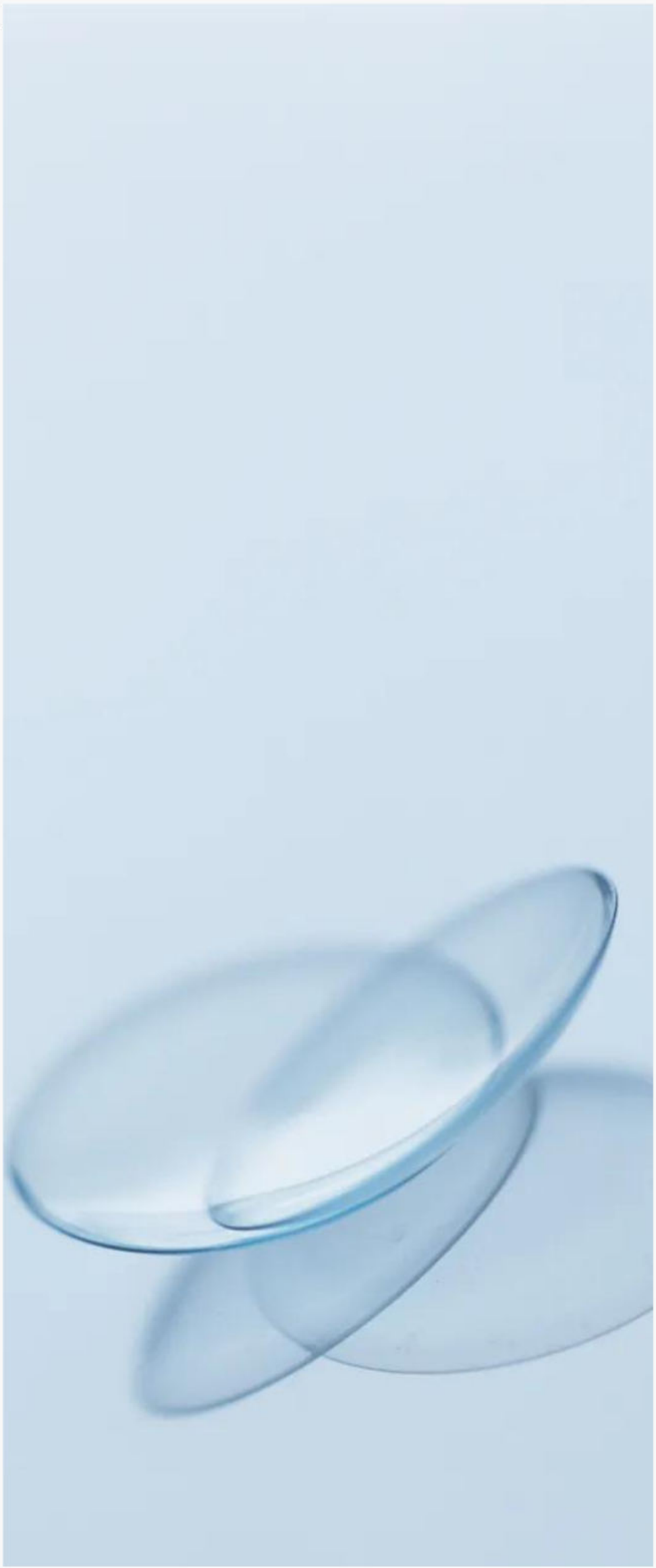
26-27 Kerato Genius™ Ok Trial Set

28-31 Trial set- Rigid Lenses

32 Vertex Conversion Table

33 Diopter to Radius Conversion Table

34 Worksheet



McAsfeer* - Multi curve Back Aspheric Lens geometry*

McAsfeer*

SILVER LINE LABORATORIES

PRODUCTION RANGE

Corneal, Limbal And Scleral Contact Lenses

INDICATIONS

Myopia | Post surgical | Aphakia | Irregular Corneal Conditions

Hyperopia | Astigmatism | Keratoconus | Post refractive surgeries

AVAILABLE MATERIAL

Boston Material *Boston XO2* *Boston XO* *Boston EO*

Contamac Material *F2 Low* *F2 Mid* *F2 High* *F2 High UV* *Hybrid FS*

PRODUCTION RANGE

McAsfeer*	Base Curve (mm)	Power Range (D. Sph.)	Overall Lens Diameter (mm)	Available DK (ISO/Fatt) (In cgs Units)
Parameters Range	4.00 to 9.80	± 35.00	7.8 to 18.0	28 to 141

F2 Low Material is used for corneal lens diagnostic trial sets only, not for final Rx / dispensing

SPECIAL ATTRIBUTES

Hyper-Transmissibility | Comfortable Lens Wear/Resistant To Tear Deposits

Handling Tints: Green & Blue | Stability Equaling To Lower Dk Materials

PRODUCT SPECIFICATION

BOSTON USA- MATERIAL (FDA APPROVED)

Boston®

Material	Boston XO2	Boston XO	Boston EO
Material Generic Name	hexafocon B	hexafocon A	enflufocon B
Material Type	Fluoro silicon acrylate	Fluoro silicon acrylate	AERCOR ™ Fluoro silicon acrylate
Oxygen Permeability (Edge Corrected*)	141	100	58
Oxygen Permeability (Non-Edge Corrected*)	161*		
Wetting Angle (Capative Bubble)	38*		
Wetting Angle (Dynamic Contact Angle A/R)	50/40*		
Hardness-Shore D	78	81	83
Hardness-Rockwell	101	112	114
Index Of Refraction	1.424	1.415	1.429
Specific Gravity	1.19	1.27	1.23
Silicon Content	12-13%	8-9%	5-7%
Modulus	1160 MPa	1500 MPa	1600 MPa
Toughness	2.7 MNm/m3	2.6 MNm/m3	2.6 MNm/m3
Modality	Daily Wear	Daily Wear	Daily Wear
Saline Absorption	0.3%		
UV Absorption	Available	Available	Available
Handling Tint	Green & Blue	Violet & Green	Grey
Packing	Vial	Vial	Lens Case

PRODUCT SPECIFICATION

CONTAMAC UK- MATERIAL

Contamac™

Material	F2 Low	F2 Mid	F2 High	F2 High UV	Hybrid FS
Classification	Focon III 2	Focon III 3	Focon III 4	Focon III 4	Focon III 2
Light Transmission	>96%	>96%	>96%	>96%	>96%
US FDA Approved	No	No	No	No	Yes
US Name	N/A	N/A	N/A	N/A	Hybufocon A
Permeability (DK)	28	50	100	100	31
UV Filteration	N/A	N/A	N/A	Yes	N/A
Refractive Index	1.46	1.45	1.44	1.44	1.446
Shore D Hardness	83	82	81	81	79
Wetting Angle (Captive Bubble	19	19	21	21	Immeasurable
Handling Tint	Blue & Green	Blue & Green	Blue & Green	Violet	Grey

McAsfeer*
KeratoGenius
Custom Medical Device

CUSTOM SCLERAL LENS

ABOUT

Kerato Genius, a user-friendly scleral lens, enables practitioners to tailor the fit across four distinct areas: Central, Intermediate, Peripheral, and Edge. The system accommodates various designs, such as Multifocal, Oblate, Front Toric, Toric Haptic, Quadrant Specific, and Controlled Peripheral Recess (CPR).

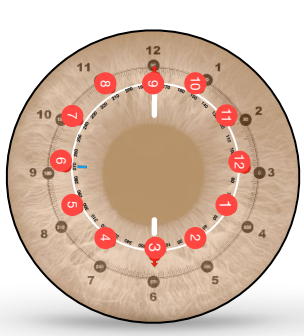
MODIFICATION RANGE

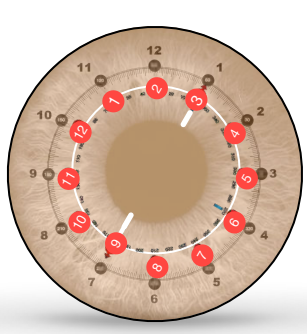
[+] means Increase
[-] means Decrease

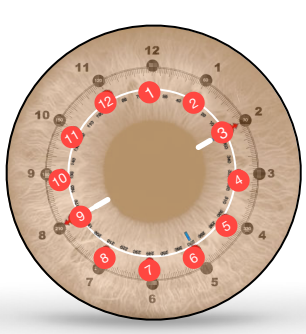
Diamater (mm)	SAG & BC	Intermediate Value (µm)	Peripheral Value (µm) *Spherical or Quadrant L Value*	Edge (µm) *Spherical / Toric Haptic / Quad Edge*	Oblate (µm) (CCR) *Central Clearance Reduction*
16.00	4250µm [Bc:8.40mm] to 6750µm [Bc:6.40mm]	+300 ↑ to -300 ↓	+300 ↑ to -300 ↓ 90° 180° 0° 270°	+300 ↑ to -300 ↓ 90° 180° 0° 270°	-70 -110 -150 -190 -230 ↓

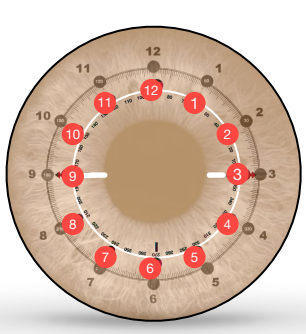
HOW DOES IT WORKS?

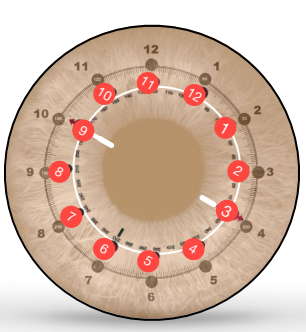
These lenses are constructed from materials that allow oxygen to permeate the lens easily and continuously. Their distinctive design corrects vision by eliminating irregularities on the front surface of the eye. Scleral lenses are applied to the eye with a non-preserved saline solution, creating a thin cushion of fluid between the lens and the eye. This cushion enhances comfort, reduces redness, and fosters a healthy environment for the eye.

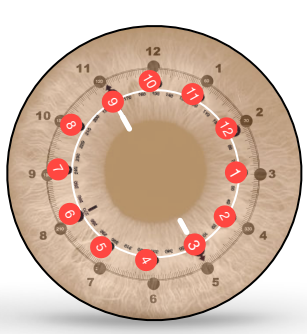

12-6 o' clock


1-7 o' clock


2-8 o' clock


3-9 o' clock


4-10 o' clock


5-11 o' clock

SILVER LINE LABORATORIES

14 LENS TRIAL SET
KGMc - Diameter 16.00mm

McAsfeer*
KeratoGenius
Custom Medical Device
CUSTOM SCLERAL LENS

EARLY

KGMc 8.40 Y	KGMc 8.20 W	KGMc 8.00 U
Edge : M2 BC : 8.40 Y Sag : 4250 Bvp : -3.00 Dia : 16.00	Edge : M2 BC : 8.20 W Sag : 4400 Bvp : -3.00 Dia : 16.00	Edge : M2 BC : 8.00 U Sag : 4550 Bvp : -3.00 Dia : 16.00

MODERATE

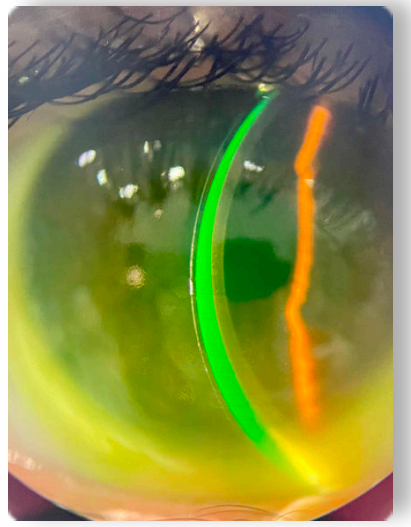
KGMc 7.80 S	KGMc 7.70 R	KGMc 7.60 Q	KGMc 7.50 P
Edge : M2 BC : 7.80 S Sag : 4650 Bvp : -3.00 Dia : 16.00	Edge : M2 BC : 7.70 R Sag : 4750 Bvp : -3.00 Dia : 16.00	Edge : M2 BC : 7.60 Q Sag : 4850 Bvp : -3.00 Dia : 16.00	Edge : M2 BC : 7.50 P Sag : 4950 Bvp : -3.00 Dia : 16.00

ADVANCED

KGMc 7.30 N	KGMc 7.10 L	KGMc 7.00 K	KGMc 6.90 J
Edge : M2 BC : 7.30 N Sag : 5150 Bvp : -5.00 Dia : 16.00	Edge : M2 BC : 7.10 L Sag : 5400 Bvp : -8.00 Dia : 16.00	Edge : M2 BC : 7.00 K Sag : 5500 Bvp : -8.00 Dia : 16.00	Edge : M2 BC : 6.90 J Sag : 5650 Bvp : -10.00 Dia : 16.00

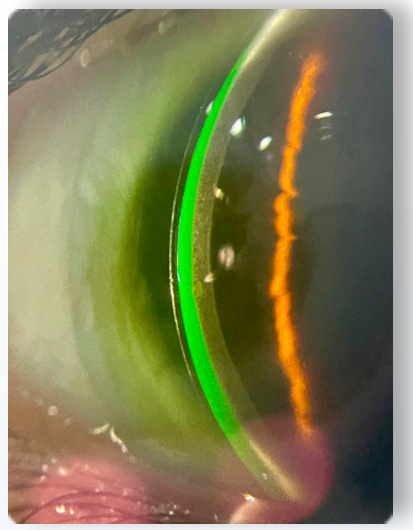
SEVERE

KGMc 6.70 H	KGMc 6.60 G	KGMc 6.40 E
Edge : M2 BC : 6.70 H Sag : 6000 Bvp : -12.00 Dia : 16.00	Edge : M2 BC : 6.60 G Sag : 6250 Bvp : -12.00 Dia : 16.00	Edge : M2 BC : 6.40 E Sag : 6750 Bvp : -12.00 Dia : 16.00



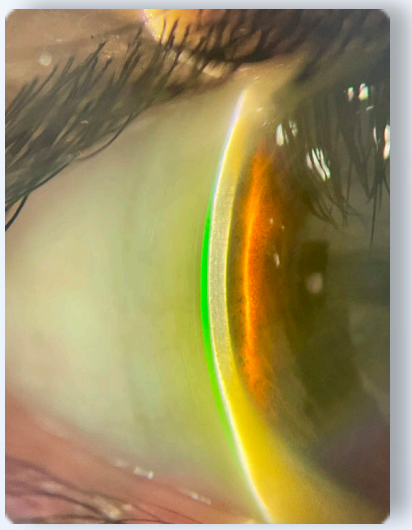
Central Vault

Suggested vault: 250 to 300µm



Intermediate Vault

Suggested vault: 150 to 175µm



Peripheral Vault

Suggested vault: 70 to 75µm

SILVER LINE LABORATORIES

McAsfeer*
KeratoGenius
Custom Medical Device

ORTHOKERATOLOGY

KeratoGenius* Orthokeratology (KG-OK)

ABOUT

Keratogenius Ortho-K lenses are reverse geometry, rigid gas permeable contact lenses specifically designed for orthokeratology—the temporary reduction of myopia through controlled overnight corneal reshaping. These lenses are indicated for overnight wear and provide unaided daytime visual acuity by gently flattening the central cornea, thereby altering its refractive power.

MODIFICATION RANGE

	Power (D)	Diameter (mm)	Base Curve (mm)	Spherical Correction	Cylindrical Correction
Parameters	+1.25 to +2.00	10.80 to 11.20	40.00D to 47.50D	-1.00DS to -10.00DS	Upto -4.00DC

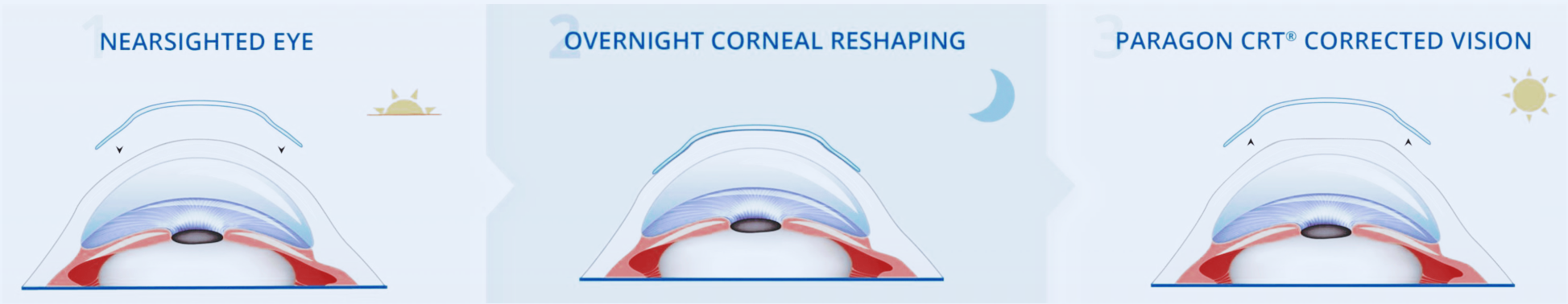
BENEFITS

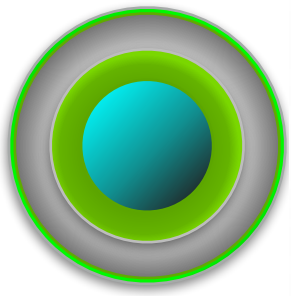
- No Daytime Contacts
- Correct Vision Overnight
- No Glasses
- Improved Quality of Life
- No Age Restriction
- No Surgery

AVAILABLE MATERIAL

Optimum Comfort DK 100

Boston XO UV DK 100







SILVER LINE LABORATORIES

McAsfeer* KeratoGenius Custom Medical Device

ORTHOKERATOLOGY

Ortho k Lens Trial Set - Spherical

KeratoGenius* Orthokeratology (KG-OK)

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : A
Power Series [8] : -5.00

A8

ORTHO-K
BC : 9.92
BVP : +1.25
DIA : 11.20

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : C
Power Series [8] : -5.00

C8

ORTHO-K
BC : 9.77
BVP : +1.25
DIA : 11.20

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : E
Power Series [8] : -5.00

E8

ORTHO-K
BC : 9.63
BVP : +1.25
DIA : 11.20

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : G
Power Series [8] : -5.00

G8

ORTHO-K
BC : 9.50
BVP : +1.25
DIA : 11.20

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : I
Power Series [8] : -5.00

I8

ORTHO-K
BC : 9.37
BVP : +1.25
DIA : 11.20

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : K
Power Series [8] : -5.00

K8

ORTHO-K
BC : 9.24
BVP : +1.25
DIA : 11.00

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : M
Power Series [8] : -5.00

M8

ORTHO-K
BC : 9.11
BVP : +1.25
DIA : 11.00

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : O
Power Series [8] : -5.00

O8

ORTHO-K
BC : 8.99
BVP : +1.25
DIA : 11.00

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : Q
Power Series [8] : -5.00

Q8

ORTHO-K
BC : 8.87
BVP : +1.25
DIA : 10.80

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : S
Power Series [8] : -5.00

S8

ORTHO-K
BC : 8.76
BVP : +1.25
DIA : 10.80

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : U
Power Series [8] : -5.00

U8

ORTHO-K
BC : 8.65
BVP : +1.25
DIA : 10.80

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : W
Power Series [8] : -5.00

W8

ORTHO-K
BC : 8.54
BVP : +1.25
DIA : 10.80

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : Y
Power Series [8] : -5.00

Y8

ORTHO-K
BC : 8.43
BVP : +1.25
DIA : 10.80

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : ZA
Power Series [8] : -5.00

ZA8

ORTHO-K
BC : 8.33
BVP : +1.25
DIA : 10.80

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : ZC
Power Series [8] : -5.00

ZC8

ORTHO-K
BC : 8.23
BVP : +1.25
DIA : 10.80

McAsfeer* KeratoGenius Custom Medical Device ORTHOKERATOLOGY

Spherical - Trial Lens
Curvature Series : ZD
Power Series [8] : -5.00

ZD8

ORTHO-K
BC : 8.13
BVP : +1.25
DIA : 10.80

Ortho k Lens Trial Set - Spherical

Curvature Series: A8 C8 E8 G8 I8 K8 M8 O8 Q8 S8 U8 W8 Y8 ZA8 ZC8 ZD8

Power Series: [8] -5.00D Sph.

Total 16 Lenses

Ortho k Lens Trial Set - Toric

Total 40 Lenses

McAsfeer* KeratoGenius Custom Medical Device

ORTHOKERATOLOGY

SILVER LINE LABORATORIES

Toric - Trial Lens
Curvature Series : A
Power Series [4] : -3.00
Cyl. Power : -1.75
T17A4
ORTHO-K
BC : 9.41
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : C
Power Series [4] : -3.00
Cyl. Power : -1.75
T17C4
ORTHO-K
BC : 9.28
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : E
Power Series [4] : -3.00
Cyl. Power : -1.75
T17E4
ORTHO-K
BC : 9.16
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : G
Power Series [4] : -3.00
Cyl. Power : -1.75
T17G4
ORTHO-K
BC : 9.04
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : I
Power Series [4] : -3.00
Cyl. Power : -1.75
T17I4
ORTHO-K
BC : 8.92
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : K
Power Series [4] : -3.00
Cyl. Power : -1.75
T17K4
ORTHO-K
BC : 8.80
BVP : +1.25
DIA : 11.00

Toric - Trial Lens
Curvature Series : M
Power Series [4] : -3.00
Cyl. Power : -1.75
T17M4
ORTHO-K
BC : 8.69
BVP : +1.25
DIA : 11.00

Toric - Trial Lens
Curvature Series : O
Power Series [4] : -3.00
Cyl. Power : -1.75
T17O4
ORTHO-K
BC : 8.58
BVP : +1.25
DIA : 11.00

Toric - Trial Lens
Curvature Series : Q
Power Series [4] : -3.00
Cyl. Power : -1.75
T17Q4
ORTHO-K
BC : 8.47
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : S
Power Series [4] : -3.00
Cyl. Power : -1.75
T17S4
ORTHO-K
BC : 8.36
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : U
Power Series [4] : -3.00
Cyl. Power : -1.75
T17U4
ORTHO-K
BC : 8.26
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : W
Power Series [4] : -3.00
Cyl. Power : -1.75
T17W4
ORTHO-K
BC : 8.16
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : Y
Power Series [4] : -3.00
Cyl. Power : -1.75
T17Y4
ORTHO-K
BC : 8.06
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : ZA
Power Series [4] : -3.00
Cyl. Power : -1.75
T17ZA4
ORTHO-K
BC : 7.97
BVP : +1.25
DIA : 10.80

SERIES: [4] -3.00DS

TORIC: -1.75 D CYL

Toric - Trial Lens
Curvature Series : A
Power Series [4] : -3.00
Cyl. Power : -2.50
T25A4
ORTHO-K
BC : 9.41
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : C
Power Series [4] : -3.00
Cyl. Power : -2.50
T25C4
ORTHO-K
BC : 9.28
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : E
Power Series [4] : -3.00
Cyl. Power : -2.50
T25E4
ORTHO-K
BC : 9.16
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : G
Power Series [4] : -3.00
Cyl. Power : -2.50
T25G4
ORTHO-K
BC : 9.04
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : I
Power Series [4] : -3.00
Cyl. Power : -2.50
T25I4
ORTHO-K
BC : 8.92
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : K
Power Series [4] : -3.00
Cyl. Power : -2.50
T25K4
ORTHO-K
BC : 8.80
BVP : +1.25
DIA : 11.00

Toric - Trial Lens
Curvature Series : M
Power Series [4] : -3.00
Cyl. Power : -2.50
T25M4
ORTHO-K
BC : 8.69
BVP : +1.25
DIA : 11.00

Toric - Trial Lens
Curvature Series : O
Power Series [4] : -3.00
Cyl. Power : -2.50
T25O4
ORTHO-K
BC : 8.58
BVP : +1.25
DIA : 11.00

Toric - Trial Lens
Curvature Series : Q
Power Series [4] : -3.00
Cyl. Power : -2.50
T25Q4
ORTHO-K
BC : 8.47
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : S
Power Series [4] : -3.00
Cyl. Power : -2.50
T25S4
ORTHO-K
BC : 8.36
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : U
Power Series [4] : -3.00
Cyl. Power : -2.50
T25U4
ORTHO-K
BC : 8.26
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : W
Power Series [4] : -3.00
Cyl. Power : -2.50
T25W4
ORTHO-K
BC : 8.16
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : Y
Power Series [4] : -3.00
Cyl. Power : -2.50
T25Y4
ORTHO-K
BC : 8.06
BVP : +1.25
DIA : 10.80

SERIES: [4] -3.00DS

TORIC: -2.50 D CYL

Toric - Trial Lens
Curvature Series : A
Power Series [4] : -3.00
Cyl. Power : -3.25
T32A4
ORTHO-K
BC : 9.41
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : C
Power Series [4] : -3.00
Cyl. Power : -3.25
T32C4
ORTHO-K
BC : 9.28
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : E
Power Series [4] : -3.00
Cyl. Power : -3.25
T32E4
ORTHO-K
BC : 9.16
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : G
Power Series [4] : -3.00
Cyl. Power : -3.25
T32G4
ORTHO-K
BC : 9.04
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : I
Power Series [4] : -3.00
Cyl. Power : -3.25
T32I4
ORTHO-K
BC : 8.92
BVP : +1.25
DIA : 11.20

Toric - Trial Lens
Curvature Series : K
Power Series [4] : -3.00
Cyl. Power : -3.25
T32K4
ORTHO-K
BC : 8.80
BVP : +1.25
DIA : 11.00

Toric - Trial Lens
Curvature Series : M
Power Series [4] : -3.00
Cyl. Power : -3.25
T32M4
ORTHO-K
BC : 8.69
BVP : +1.25
DIA : 11.00

Toric - Trial Lens
Curvature Series : O
Power Series [4] : -3.00
Cyl. Power : -3.25
T32O4
ORTHO-K
BC : 8.58
BVP : +1.25
DIA : 11.00

Toric - Trial Lens
Curvature Series : Q
Power Series [4] : -3.00
Cyl. Power : -3.25
T32Q4
ORTHO-K
BC : 8.47
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : S
Power Series [4] : -3.00
Cyl. Power : -3.25
T32S4
ORTHO-K
BC : 8.36
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : U
Power Series [4] : -3.00
Cyl. Power : -3.25
T32U4
ORTHO-K
BC : 8.26
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : W
Power Series [4] : -3.00
Cyl. Power : -3.25
T32W4
ORTHO-K
BC : 8.16
BVP : +1.25
DIA : 10.80

Toric - Trial Lens
Curvature Series : Y
Power Series [4] : -3.00
Cyl. Power : -3.25
T32Y4
ORTHO-K
BC : 8.06
BVP : +1.25
DIA : 10.80

SERIES: [4] -3.00DS

TORIC: -3.25 D CYL

McAsfeer*

SILVER LINE LABORATORIES

TRIAL SET

RIGID LENSES

SMALL DIAMETER

BC	Power	Dia
Asfeer* Value: 4F		
5.00	-16.00	A 5 Lenses
5.10	-16.00	
5.20	-16.00	8.4
5.30	-16.00	
5.40	-16.00	
Asfeer* Value: 4F		
5.50	-14.00	B 5 Lenses
5.60	-14.00	
5.70	-14.00	8.6
5.80	-14.00	
5.90	-14.00	

BC	Power	Dia
Asfeer* Value: 4F		
6.00	-10.00	C 5 Lenses
6.10	-10.00	
6.20	-10.00	8.8
6.30	-10.00	
6.40	-10.00	
Asfeer* Value: 3F		
6.50	-6.00	D 5 Lenses
6.60	-6.00	
6.70	-6.00	9.0
6.80	-6.00	
6.90	-6.00	

BC	Power	Dia
Asfeer* Value: 3F		
7.00	-3.00	E 5 Lenses
7.10	-3.00	
7.20	-3.00	9.2
7.30	-3.00	
7.40	-3.00	
Asfeer* Value: 2F		
7.50	-3.00	F 5 Lenses
7.60	-3.00	
7.70	-3.00	9.4
7.80	-3.00	
7.90	-3.00	

Asfeer* Value: 2F		
8.00	-3.00	G 5 Lenses
8.10	-3.00	
8.20	-3.00	9.6
8.30	-3.00	
8.40	-3.00	
Asfeer* Value: 2F		
8.50	-3.00	H 4 Lenses
8.60	-3.00	
8.70	-3.00	9.8
8.80	-3.00	

TOTAL = 39 LENSES

- Any Other Trial Lens Parameters, Other Than Above, Can Be Made On Request.
- Lenses Will Be Individually Packed In A Screw Top Flat Plastic Container Arranged In A Wooden Box.
- All Trial Lenses Will Be Manufactured With McAsfeer* Lens Geometry With Engraved Back On Lens Surface.
- All Diagnostic Trial Sets Lenses Will Be Manufactured And Supplied In ***F2 Low*** Material (Dk-28) - From ***Contamac Ltd. Uk.***
- Life Time Service, Parameters Checking, Polishing, Cleaning And Disinfection Of The Trial Set Will Be Provided Complimentary From Silver Line Labs.

TRIAL SET

RIGID LENSES

LARGE DIAMETER

BC	Power	Dia
Asfeer* Value: 4F		
6.00	-10.00	I 5 Lenses
6.10	-10.00	
6.20	-10.00	9.8
6.30	-10.00	
6.40	-10.00	
Asfeer* Value: 3F		
6.50	-6.00	J 5 Lenses
6.60	-6.00	
6.70	-6.00	10.00
6.80	-6.00	
6.90	-6.00	

BC	Power	Dia
Asfeer* Value: 2F		
7.00	-6.00	K 10 Lenses
7.10	-6.00	
7.20	-6.00	
7.30	-6.00	
7.40	-6.00	10.50
7.50	-6.00	
7.60	-6.00	
7.70	-6.00	
7.80	-6.00	
7.90	-6.00	

BC	Power	Dia
Asfeer* Value: 2F		
8.00	-3.00	L 6 Lenses
8.10	-3.00	
8.20	-3.00	10.50
8.30	-3.00	
8.40	-3.00	
8.50	-3.00	
Asfeer* Value: 2F		
8.60	-3.00	M 3 Lenses
8.70	-3.00	11.00
8.80	-3.00	

TOTAL = 29 LENSES

- Any Other Trial Lens Parameters, Other Than Above, Can Be Made On Request.
- Lenses Will Be Individually Packed In A Screw Top Flat Plastic Container Arranged In A Wooden Box.
- All Trial Lenses Will Be Manufactured With McAsfeer* Lens Geometry With Engraved Back On Lens Surface.
- All Diagnostic Trial Sets Lenses Will Be Manufactured And Supplied In ***F2 Low*** Material (Dk-28) - From ***Contamac Ltd. Uk.***
- Life Time Service, Parameters Checking, Polishing, Cleaning And Disinfection Of The Trial Set Will Be Provided Complimentary From Silver Line Labs.

McAsfeer*

SILVER LINE LABORATORIES

TRIAL SET

RIGID LENSES

SMALL & LARGE DIAMETER

TOTAL = 50 LENSES

BC	Power	Dia
Small Dia — Asfeer* Value: 4F — A 1 Lenses		
5.80	-14.00	8.6
Small Dia — Asfeer* Value: 4F — B 5 Lenses		
6.00	-10.00	8.8
6.10	-10.00	
6.20	-10.00	
6.30	-10.00	
6.40	-10.00	
Small Dia — Asfeer* Value: 3F — C 5 Lenses		
6.50	-6.00	9.0
6.60	-6.00	
6.70	-6.00	
6.80	-6.00	
6.90	-6.00	
Small Dia — Asfeer* Value: 3F — D 5 Lenses		
7.00	-3.00	9.2
7.10	-3.00	
7.20	-3.00	
7.30	-3.00	
7.40	-3.00	

BC	Power	Dia
Small Dia — Asfeer* Value: 2F — E 5 Lenses		
7.50	-3.00	9.4
7.60	-3.00	
7.70	-3.00	
7.80	-3.00	
7.90	-3.00	
Small Dia — Asfeer* Value: 2F — F 5 Lenses		
8.00	-3.00	9.6
8.10	-3.00	
8.20	-3.00	
8.30	-3.00	
8.40	-3.00	
Small Dia — Asfeer* Value: 4F — G 1 Lenses		
6.30	-10.00	9.8
Large Dia — Asfeer* Value: 3F — H 4 Lenses		
6.60	-6.00	10.00
6.70	-6.00	
6.80	-6.00	
6.90	-6.00	

BC	Power	Dia
Large Dia — Asfeer* Value: 2F — I 10 Lenses		
7.00	-6.00	10.50
7.10	-6.00	
7.20	-6.00	
7.30	-6.00	
7.40	-6.00	
7.50	-6.00	
7.60	-6.00	
7.70	-6.00	
7.80	-6.00	
7.90	-6.00	
Large Dia — Asfeer* Value: 2F — J 6 Lenses		
8.00	-3.00	10.50
8.10	-3.00	
8.20	-3.00	
8.30	-3.00	
8.40	-3.00	
8.50	-3.00	
Large Dia — Asfeer* Value: 2F — K 3 Lenses		
8.60	-3.00	11.00
8.70	-3.00	
8.80	-3.00	

TRIAL SET

RIGID LENSES

CORENO SCLERAL LENS *(14 LENSES)*

Lens Code	BC	Power	Dia
C2X - Toric Haptic			
C2X	6.40	-12.00	15.00
	6.50	-12.00	
	6.60	-10.00	
	6.70	-10.00	
	6.80	-8.00	
	6.90	-8.00	
	7.00	-8.00	

Lens Code	BC	Power	Dia
C2X - Toric Haptic			
C2X	7.10	-8.00	15.00
	7.20	-8.00	
	7.30	-8.00	
	7.40	-5.00	
	7.50	-5.00	
	7.60	-5.00	
	7.70	-5.00	

SAG, BC AND LANDING ZONE CALCULATION CHART FOR CUSTOMISATION

BC & CODE	L0	L3	L5	L7	L9
6.30 D	596 0D	586 3D	584 5D	582 7D	581 9D
6.40 E	570 0E	560 3E	558 5E	556 7E	555 9E
6.50 F	548 0F	538 3F	536 5F	534 7F	533 9F
6.60 G	530 0G	519 3G	517 5G	515 7G	514 9G
6.70 H	513 0H	503 3H	501 5H	499 7H	498 9H
6.80 I	498 0I	488 3I	486 5I	484 7I	483 9I
6.90 J	485 0J	474 3J	472 5J	470 7J	469 9J
7.00 K	472 0K	462 3K	460 5K	458 7K	457 9K
7.10 L	461 0L	451 3L	449 5L	447 7L	446 9L
7.20 M	451 0M	440 3M	438 5M	437 7M	435 9M
7.30 N	441 0N	431 3N	429 5N	427 7N	426 9N
7.40 O	432 0O	422 3O	420 5O	418 7O	417 9O
7.50 P	424 0P	413 3P	411 5P	409 7P	408 9P
7.60 Q	416 0Q	405 3Q	403 5Q	401 7Q	400 9Q
7.70 R	408 0R	398 3R	396 5R	394 7R	393 9R
7.80 S	401 0S	391 3S	389 5S	387 7S	386 9S
7.90 T	394 0T	384 3T	382 5T	380 7T	379 9T
8.00 U	388 0U	378 3U	376 5U	374 7U	373 9U
8.10 V	382 0V	371 3V	369 5V	368 7V	367 9V
8.20 W	376 0W	366 3W	364 5W	362 7W	361 9W
8.30 X	371 0X	360 3X	358 5X	356 7X	355 9X
8.40 Y	365 0Y	355 3Y	353 5Y	351 7Y	350 9Y

McAsfeer*

SILVER LINE LABORATORIES

Vertex Conversion Table [Average12 mm Distance]

C L Powers (+)	Spectacles Powers	C L Powers (-)	C L Powers (+)	Spectacles Powers	C L Powers (-)	C L Powers (+)	Spectacles Powers	C L Powers (-)	C L Powers (+)	Spectacles Powers	C L Powers (-)
+3.25	3.00	-3.00	+8.87	8.00	-7.25	+15.25	13.00	-11.25	+23.00	18.00	-14.75
+3.50	3.25	-3.00	+9.12	8.25	-7.50	+15.75	13.25	-11.50	+23.50	18.25	-15.00
+3.75	3.50	-3.25	+9.50	8.50	-7.75	+16.12	13.50	-11.50	+23.75	18.50	-15.12
+4.00	3.75	-3.50	+9.75	8.75	-7.87	+16.75	13.75	-11.75	+24.50	18.75	-15.25
+4.25	4.00	-3.75	+10.00	9.00	-8.12	+17.00	14.00	-12.00	+24.75	19.00	-15.50
+4.50	4.25	-4.00	+10.50	9.25	-8.37	+17.25	14.25	-12.25	+25.50	19.50	-15.75
+4.75	4.50	-4.25	+10.75	9.50	-8.50	+17.50	14.50	-12.37	+26.37	20.00	-16.12
+5.00	4.75	-4.50	+11.00	9.75	-8.75	+18.12	14.75	-12.50	+27.12	20.50	-16.50
+5.25	5.00	-4.75	+11.50	10.00	-8.87	+18.25	15.00	-12.75	+28.12	21.00	-16.75
+5.62	5.25	-5.00	+11.75	10.25	-9.12	+18.75	15.25	-12.87	+29.00	21.50	-17.12
+5.87	5.50	-5.12	+12.00	10.50	-9.25	+19.00	15.50	-13.00	+29.87	22.00	-17.37
+6.12	5.75	-5.37	+12.50	10.75	-9.37	+19.50	15.75	-13.25	+30.87	22.50	-17.75
+6.50	6.00	-5.62	+12.75	11.00	-9.62	+19.75	16.00	-13.50	+31.75	23.00	-18.00
+6.75	6.25	-5.75	+13.00	11.25	-9.75	+20.50	16.25	-13.62	+33.62	24.00	-18.62
+7.00	6.50	-6.00	+13.50	11.50	-10.00	+20.75	16.50	-13.75	+35.75	25.00	-19.25
+7.37	6.75	-6.25	+13.75	11.75	-10.25	+21.00	16.75	-13.87	+37.75	26.00	-19.87
+7.62	7.00	-6.50	+14.00	12.00	-10.37	+21.50	17.00	-14.00	+40.00	27.00	-20.37
+8.00	7.25	-6.62	+14.25	12.25	-10.62	+22.25	17.25	-14.25	+42.25	28.00	-21.00
+8.25	7.50	-6.87	+14.75	12.50	-10.87	+22.50	17.50	-14.37	+44.50	29.00	-21.50
+8.50	7.75	-7.12	+15.00	12.75	-11.00	+23.00	17.75	-14.62	+47.00	30.00	-22.12

Diopter To Radius [mm] Conversion Table

DIOPTER	RADIUS (MM)	DIOPTER	RADIUS (MM)	DIOPTER	RADIUS (MM)	DIOPTER	RADIUS (MM)	DIOPTER	RADIUS (MM)
37.50	9.00	44.25	7.63	51	6.62	57.75	5.84	64.50	5.23
37.75	8.94	44.50	7.58	51.25	6.59	58	5.82	64.75	5.21
38	8.88	44.75	7.54	51.50	6.55	58.25	5.79	65	5.19
38.25	8.82	45	7.50	51.75	6.52	58.50	5.77	65.25	5.17
38.50	8.77	45.25	7.46	52	6.49	58.75	5.74	65.50	5.15
38.75	8.71	45.50	7.42	52.25	6.46	59	5.72	65.75	5.13
39.00	8.65	45.75	7.38	52.50	6.43	59.25	5.70	66	5.11
39.25	8.60	46	7.34	52.75	6.40	59.50	5.67	66.25	5.09
39.50	8.54	46.25	7.30	53	6.37	59.75	5.65	66.50	5.08
39.75	8.49	46.50	7.26	53.25	6.34	60	5.63	66.75	5.06
40.00	8.44	46.75	7.22	53.50	6.31	60.25	5.60	67	5.04
40.25	8.39	47	7.18	53.75	6.28	60.50	5.58	67.25	5.02
40.50	8.33	47.25	7.14	54	6.25	60.75	5.56	67.50	5.00
40.75	8.28	47.50	7.11	54.25	6.22	61	5.53	67.75	4.98
41.00	8.23	47.75	7.07	54.50	6.19	61.25	5.51	68	4.96
41.25	8.18	48	7.03	54.75	6.16	61.50	5.49	68.25	4.95
41.50	8.13	48.25	6.99	55	6.14	61.75	5.47	68.50	4.93
41.75	8.04	48.50	6.96	55.25	6.11	62	5.44	68.75	4.91
42.00	8.04	48.75	6.92	55.50	6.08	62.25	5.42	69	4.89
42.25	7.99	49	6.89	55.75	6.05	62.50	5.50	69.25	4.87
42.50	7.94	49.25	6.85	56	6.03	62.75	5.38	69.50	4.86
42.75	7.89	49.50	6.82	56.25	6.00	63	5.36	69.75	4.84
43.00	7.85	49.75	6.78	56.50	5.97	63.25	5.34	70	4.82
43.25	7.80	50	6.75	56.75	5.95	63.50	5.31	70.25	4.80
43.50	7.76	50.25	6.72	57	5.92	63.75	5.29	70.50	4.79
43.75	7.71	50.50	6.68	57.25	5.90	64	5.27	70.75	4.77
44.00	7.67	50.75	6.65	57.50	5.87	64.25	5.25	71	4.75

WORKSHEET

SILVER LINE LABORATORIES

MRD

Type Of Lens

McAsfeer* KeratoGenius™ Custom Medical Device Series Of Speciality Lenses

C/o. Dr.

Date:

Age/Sex:

Name:

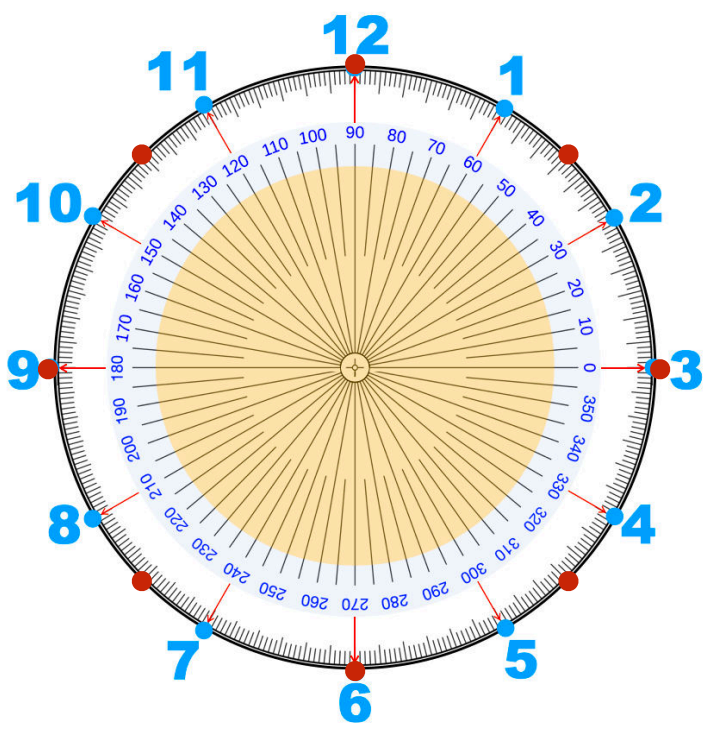
Ph no:

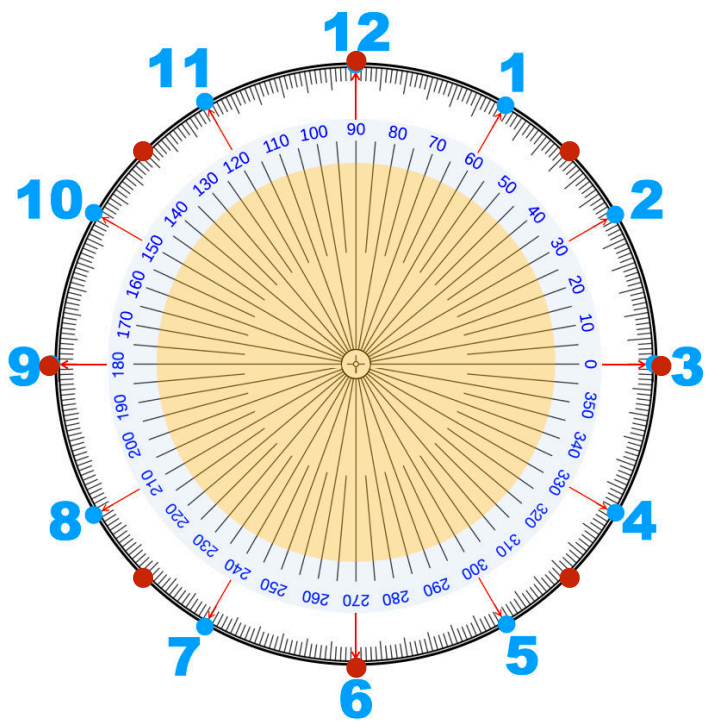
OD Manifest Refraction		OS Manifest Refraction
U/A		U/A
P/H		P/H
KH		KH
KV	HVID	KV
Final	OD / Zones / OS	Final
OR	C	OR
	M	

	Debris	Y / N		Debris	Y / N
	Refraction	Dist/Near		Refraction	Dist/Near
	Flat Axis	Position		Flat Axis	Position
	Clearance	C/M/L		Clearance	C/M/L
	Compression	Impingement		Compression	Impingement
		Leakage of Florescence		Leakage of Florescence	
		Conjunctival Staining		Conjunctival Staining	

3 o'clock 0° | 12 o'clock 90° | 9 o'clock 180° | 6 o'clock 270° — L — E

In Time	Out Time	Edge	Edge	In Time	Out Time





Steep Axis		Flat Axis	Steep Axis		Flat Axis

Final Contact Lens Parameters

Material Type :

OD		Tint
OS		Tint

C Center | M Mid Periphery | L Limbal | E Edge

Edition 4

September 2026

SILVER LINE
LABORATORIES

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SILVER LINE LABORATORIES

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