

Catalog

Contact lenses & Services





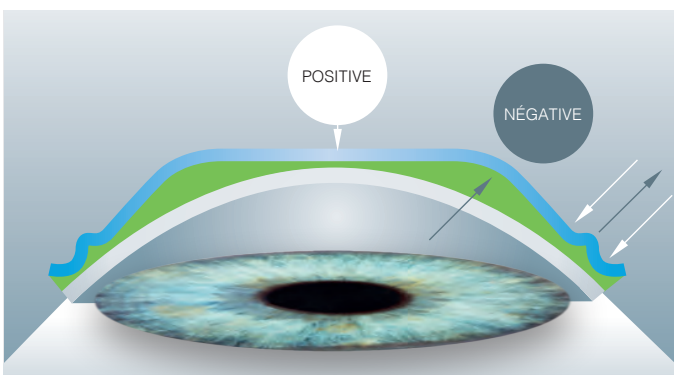
40 YEARS OF TAILOR-MADE VISUAL INNOVATION



As an expert in tailor-made lenses designs, Precilens invested primarily in nanotechnology and fully computerized high-tech production equipment. This has enabled new technological advances and the design of ever more innovative geometries combining visual performance and simplicity, in close collaboration with eyecare professionals, research centers and universities.



Personalized support, proximity and exchanges with practitioners are the heart of our philosophy because, as innovative as they may be, our lenses are nothing without those who adapt them to daily life. This desire is achieved through the development of adaptation support tools and the implementation of training courses adapted to different needs: webinars, e-learning or practical sessions.



Through our advances in research and development and our constant innovations in design conception, our laboratory remains a pioneer in the field of presbyopia while simultaneously developing a unique expertise in orthokeratology and myopia management. Our close collaboration with research centers and universities allows us to continuously deepen our research and knowledge on visual needs, regardless of the age and ametropia of wearers.

For 40 years, we have been positioning people and vision health at the heart of our mission, which reflects the values shared by our employees and the relationships that bind us to our ecosystem

OUR LABORATORY

■ Referent in orthokeratology lenses and myopia management with DRL® range.

The DRL lenses owe its success to its unique and patented design with a double tear reservoir that allows better centering, increased comfort, and faster processing speed. The range offers personalized geometries for every visual need (myopia, hyperopia, astigmatism, and presbyopia).

■ A unique know-how in presbyopia

Presbyopia is our historical know-how since 1984 with the invention of the C2 lenses, the world's first progressive soft lenses. This innovation is followed by major advances such as the Expert Progressive, the first gas permeable lens designed as progressive glasses.



■ Made in France design and manufacturing

Our production unit based in Créteil (close to Paris), benefits from high-tech computerized manufacturing tools and relies on a team of qualified employees who work every day to continuously improve the processes and quality of our lenses.

■ Training courses

We offer training courses on our different Precilens product ranges to deepen the knowledge and know-how of professionals in a theoretical and practical way.

- **Online training courses:** available 24 hours a day on our website
- **Distance training courses:** these courses are tailor made according to needs. All topics can be addressed, such as ortho-K lenses, single or multifocal lenses, or lenses for irregular corneas.

■ Click & Fit software

- This software allows you to easily and quickly adapt our contact lenses range

■ Support Tools on line

- Fitting guide and optimization sheets
- Key elements of successful fitting
- Materials guide

Discover them on www.precilens.com



CONTACT US

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Opening hours: Monday to Friday - 9 am to 5 pm (CET)



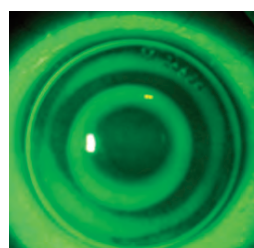
Orthokeratology contact lenses

DRL® RANGE: from myopia management to presbyopia

MYOPIA MANAGEMENT CHILDREN & YOUNG PEOPLE	Indications	Fitting
DRL PREVENTION (up to 16 years)	Myopia ≤ 4.00	Topographies required. Contact lens calculated by Click & Fit or by the laboratory
DRL Contrôle Myopie	Myopia up to -7.00 Cylinder up to -4.00	
DRLT Contrôle Myopie		



DRL® Prevention



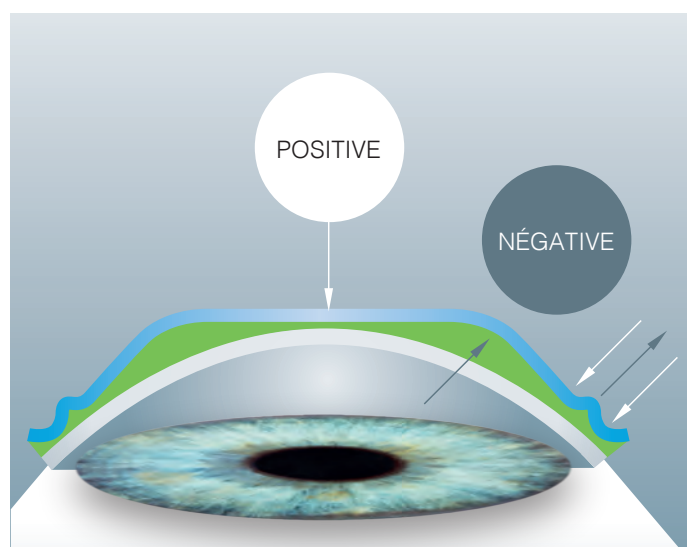
DRL® Myopia Control

ADULTS & PRESBYOPES	Indications	Fitting
DRLM	Myopia up to -7.00 Hypermetropia up to +4.00 Cylinder up to -4.00 Presbyopia up to +3.00	Topographies required. Contact lens calculated by Click & Fit or by the laboratory
DRLH		
DRLM T/ DRLH T		
DRLM Near / DRLH Near		
DRL T Near		

DRL®
Night contact lenses

A unique patent design with double
tear reservoir adapted to each need

- Myopia up to -7.00D
- Astigmatism up to -4.00D
- Hyperopia up to +4.00D
- Presbyopia up to +3.00D Add





DRL® NIGHT CONTACT LENSES INSTRUCTIONS FOR USE*

i Precilens ortho-k contact lenses are delivered with instructions for use that it is necessary to give to the wearers

- **Renewal:** annually to ensure safety and effectiveness of the treatment
- **Lens care: the recommended solutions care** (Peroxide solution for decontamination, preservative-free comfort drops for insertion and removal, Subtilisin deproteinization tablets for weekly deproteinization) **are the only ones suitable for ortho-K Precilens lenses. The use of other system may cause complications.**
- **Specific handling that is different from other lenses:** see the tutorial at www.contactlensatnight.com



DRL® NIGHT LENSES INSERTION AND REMOVAL www.contactlensatnight.com

■ At night:

Fill the lens with comfort drops or preservative-free artificial tears prior to insertion.

Place the lens horizontally while looking at a mirror placed flat on a table.

A distinct tint helps to differentiate the right lens from the left lens: purple tint is used for the right lens/blue tint is used for the left lens.

■ In the morning:

- Instill a few comfort drops or preservative-free artificial tears into the eye 15 to 20 minutes before lens removal;
- Once the lenses are removed, leave them to soak for at least 6 hours in a Peroxide solution.

■ Once a week:

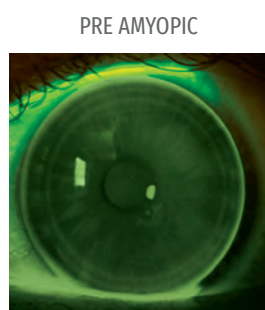
Lenses should be deproteinized with Subtilisin deproteinization tablets.

* Languages: French, English, German, Spanish, Italian, Swedish, Dutch, Danish, Norwegian

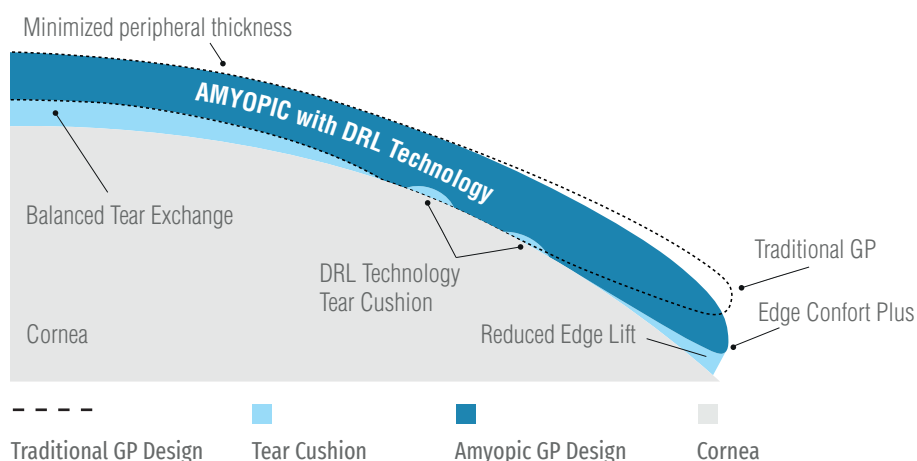
Contact lenses for daytime wear

MYOPIA MANAGEMENT for children and young people

RIGID LENSES	Parameters	Fitting
PRE AMYOPIC	r_0 : 7.20 to 8.60 per 0,05 $\emptyset_T$: 9.90 to 11.10 per 0.30 $F'v$: Plan to -20.00 per 0.25 TI : -1.50 to -8.00 per 0,25 TE : -0,75 to -4.00 per 0,25 Axis 0° to 180° per 5°	$\emptyset$ 10.20 $r_0 = K - 0.05$ TI : $\emptyset$ 10.20 $r_0 = K / r'_0 = K' + 0.15$ or calculated by the laboratory TE : 1 st trial with PRE AMYOPIC
PRE AMYOPIC TI/TE		



- Optimal centering
- Increased ocular tolerance
- The guarantee of a successful fit



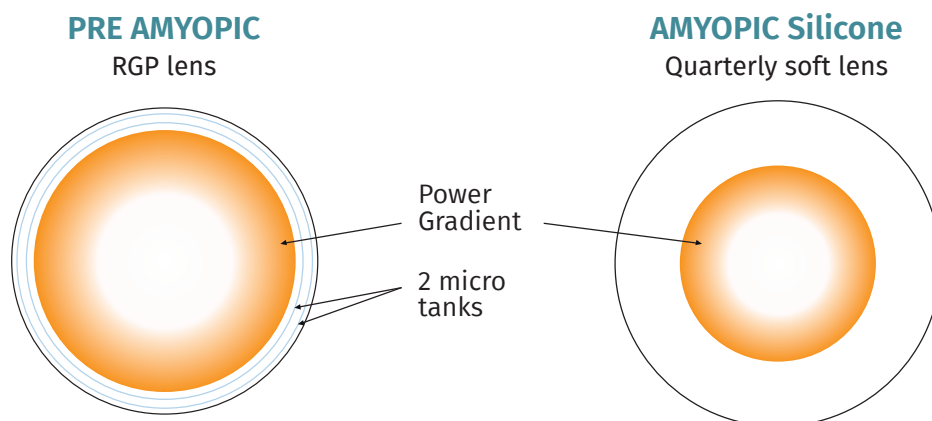
SOFT LENSES	Parameters	Fitting
AMYOPIC Silicone	r_0 : 7.50 to 9.60 per 0.30 $\emptyset_T$: 13.80/ 14.30/ 14.80 $F'v$: -0.25 to -15.00 per 0.25 Cyl -0.75 to -6.00 per 0.25 Axis 0° to 180° per 5°	$r_0 = K_m + 0.70$ $\emptyset_T = DHIV + 3.00 \text{ mm}$
AMYOPIC Silicone toric		





AMYOPIC range: the solution when night-time wear is not suitable

- **This range offers** a unique adjustable power gradient concept that allows a myopic retinal peripheral defocusing.
- **This power gradient** can be re-evaluated according to the age of the wearer to guarantee the best compromise between myopia management and visual comfort.



 Precilens Amyopic contact lenses are delivered with instructions for use* that it is necessary to give to the wearers

■ **Renewal:**

- Annually for PRE AMYOPIC
- Quarterly for AMYOPIC Silicone

■ **Lens care:**

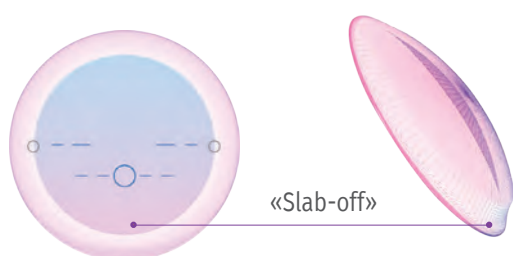
For rigid and soft AMYOPIC range, we recommend Peroxide solution for decontamination and Subtilisin deproteinization tablets for weekly deproteinization.

* Languages: French, English, German, Spanish, Italian, Swedish, Dutch, Danish, Norwegian

Rigid contact lenses for daytime wear

ADULTS and PRESBYOPES

SPHERIC	Parameters	Fitting
PRE PERFORM	r_0 : 7.20 to 8.60 per 0,05 Perform: $\emptyset_T$: 9.90 to 11.10 per 0.30	$\emptyset$ 10.20 $r_0 = K - 0.05$
PRE AS XL	AS: $\emptyset_T$: 9.00 to 11.10 per 0.30 F'v: -30.00 to +30.00 per 0.25	Calculated by Click & Fit or $\emptyset$ 10.20 $r_0 = K + 0.05$
PRE DS	r_0 : 7.20 to 8.60 per 0,05 $\emptyset_T$: 8.50 to 11.00 per 0,50 F'v: -25.00 to +25.00 per 0.25	Calculated by Click & Fit or $\emptyset$ 9,50 $r_0 = K_m + 0.10$
TORIC TI: -1.50 to -8.00 per 0.25 / TE: -0.75 to -4.00 per 0.25 / Axis from 0° to 180° per 0.25		
PRE PERFORM TI/TE	r_0 : 7.20 to 8.60 per 0.05 Perform: $\emptyset_T$: 9.90 to 11.10 per 0.30	TI: $\emptyset$ 10.20 $r_0 = K$ / $r'_0 = K' + 0.15$ or calculated by the laboratory or PRE AS TI calculated by Click & Fit
PRE AS XL TI/TE	AS: $\emptyset_T$: 9.00 to 11.10 per 0.30 F'v: -25.00 to +25.00 per 0.25	TE: 1st trial with PRE PERFORM or PRE AS XL
PRE DS TE	r_0 : 7.20 to 8.60 per 0,05 $\emptyset_T$: 8.50 to 11.10 per 0,50 F'v: -20.00 to +10.00 per 0.25	1 st trial with PRE DS
PRE BITORIQUE	r_0 : 7.20 to 8.60 per 0,05 $\emptyset_T$: 9.00 to 11.10 per 0,30 F'v: -10.00 to +4.00 per 0.25	1 st trial with PRE TI
PRESBYOPIA TI: -1.50 to -8.00 per 0.25 / TE: -0.75 to -2.00 per 0.25		
MVB	r_0 : 7.00 to 8.40 per 0.05 $\emptyset_T$: 9.20 to 10.00 per 0.40 F'v: -15.00 to +8.00 per 0.25 Add +1.50/ +2.00/+2.50/+3.00	$\emptyset$ 9.60 Toricity <30/100 ro: $K_m - 0.10$ 0.30<toricity<0.40: $r_0 = K_m$ TI: calculated by the laboratory TE: 1 st trial with MVB
MVB TE/ TI		
EXPERT	r_0 : 7.20 to 8.60 per 0.05 $\emptyset_T$: 8.50 to 10.00 per 0.50 F'v: -15.00 to +10.00 per 0.25 Add +1.00 to +3.50 per 0.25	Calculated by Click & Fit or $\emptyset$ 9.00 ro = K_m or TI: $\emptyset$ 9.00 ro = $K - 0.05$ / $r'_0 = K' + 0.10 + \text{Axis } K$ TE: 1 st trial with Expert DS
EXPERT TI/ TE		



Design of the Expert Progressive lens with
« Slab-Off »

The Expert Progressive contact lens has been designed like a progressive glasses lens: in its upper part it has a wide visual field for distance vision (DV), then an intermediate field of vision (IV) whose power of correction varies progressively to end up at the bottom of the lens with a wide visual field for near vision (NV).

Rigid contact lenses for daytime wear

KERATOCONUS & POST SURGERY

KERATOCONUS	Parameters	Fitting
PR2	r_0 : 7.20 to 8.60 per 0,05 $\emptyset_T$: 8.50 / 9.00 to 10.20 per 0.30 $F'v$: -25.00 to +25.00 per 0,25	$\emptyset_T$: 9.60 r_0 : K - 0,10
PRE K	r_0 : 6.50 to 8.00 per 0,05 $\emptyset_T$: 9.30 $F'v$: -30.00 to +10.00 per 0,25	$\emptyset_T$: 9.30 r_0 : K + 0,10
PRK	r_0 : 6.00 to 8.00 per 0,05 $\emptyset_T$: 8.50 / 9.00 to 10.20 per 0.30 $F'v$: -30.00 to +10.00 per 0,25	$\emptyset_T$: 8.50 r_0 : Km
PR2 K	r_0 : 5.00 to 7.60 per 0,05 $\emptyset_T$: 8.50 / 9.00 to 10.20 per 0.30 $F'v$: -30.00 to +10.00 per 0,25	$\emptyset_T$: 8.50 r_0 : Km
SK	r_0 : 5.00 to 7.60 per 0,05 $\emptyset_T$: 8.00 $F'v$: -30.00 to +10.00 per 0,25	$\emptyset_T$: 8.00 r_0 : Km
POST SURGERY		
PRE DI	r_0 : 7.20 to 10.20 per 0,05 $\emptyset_T$: 9.00 to 10.50 per 0.30 $F'v$: -30.00 to +10.00 per 0,25	$\emptyset_T$: 9.90 r_0 : K - 0,20



CARE OF DAYTIME WEAR RIGID CONTACT LENSES

 Precilens contact lenses are delivered with instructions for use* that it is necessary to give to the wearers

■ Renewal:

- AMYOPIC range: annually
- Others contact lenses: 18 months

■ Lens care:

- For AMYOPIC and PERFORM, we recommend Peroxide solution for decontamination and Subtilisin deproteinization tablets for weekly deproteinization.
- For other lenses, we recommend rigid multi-purpose solution or a Peroxide solution, both combined with weekly deproteinization with Subtilisin deproteinization tablets.

* Languages: French, English, German, Spanish, Italian, Swedish, Dutch, Danish, Norwegian

Click & Fit software



■ **Click & Fit is a software for quick and easy fitting of Precilens lenses.**

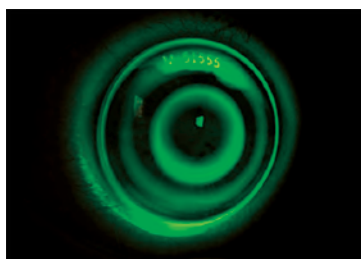
Specifically developed by our laboratory to facilitate each step of adaptation on all our lenses, **Click & Fit offers a wide range of services:**

- Calculation of the first lenses from the imported topography or from the capture of keratometry and refraction.
- Simulation of fluorescent images.
- Optimizing adaptation as controls are applied.
- Backup of files to allow monitoring.
- Customizable PO printing.

Free of charge download available in the section MY ACCOUNT of www.precilens.com

Compatible topographers

Atlas 9000 (Zeiss)	OPDScan (Nidek)
CSO Phoenix Sirius (Medical Deveyes)	Orbscan II (Bausch & Lomb)
Easygraph (Oculus)	Pentacam (Oculus)
Keratograph (Oculus)	TMS 4 (Tomey- EBC Europe)
Keratron Scout (Menicon)	TMS 5 (Tomey- EBC Europe)
Medmont 6 (Medmont)	Topcon CA 100/200 (Topcon)
Memdout 7 (Medmont)	WAM800 (Essilor)



MATERIAL GUIDE for ortho-K and daytime rigid contact lenses

Technical specification	High DK				Medium DK		Bas DK	
	Boston X02	Optimum 125	Optimum 100	Boston X0	Optimum 65	Boston E0	Optimum 26	Boston ES
								
Handling Tint RE/LE								
DK	141	125	100	100	65	58	26	18
n (refractive index)	1.424	1.432	1.431	1.415	1.437	1.429	1.45	1.443
Shore D hardness	78	77	75	81	79	83	83	85
Specific weight	1.19	1.15	1.16	1.27	1.17	1.23	1.19	1.22

Indications	Matériaux conseillés
High need for O2	Haut Dk
Post surgery	Haut Dk
Irregular cornea	Moyen Dk
Corneal astigmatism	Moyen Dk
Dry eye	Moyen à Bas Dk
Poor quality tear film	Moyen à Bas Dk
Continuous wear	Haut Dk
Night time wear	Haut Dk
Post PMMA	Bas Dk

The choice of Precilens en 1 st intention	
PRE range	Optimum 65
Keratoconus range	Optimum 65
Presbyopia	Optimum 26
Orthokeratology	Optimum 100





Find our products and solutions on www.precilens.com



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