

# Catalog

Contact lenses & Services







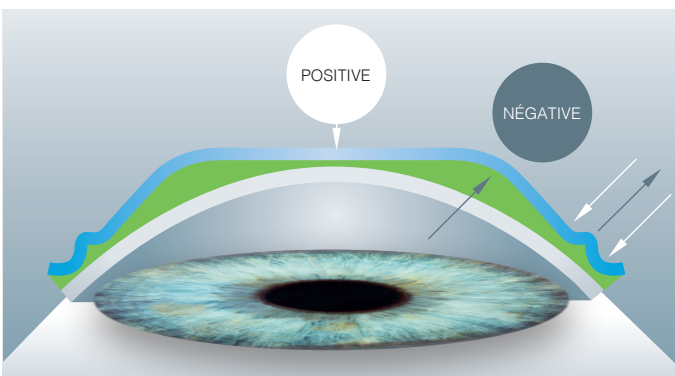
## 40 YEARS OF TAILOR-MADE VISUAL INNOVATION



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.

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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).

All Precilens lenses have a CE mark. Our orthokeratology lenses DRL® for the correction of myopia have a CE mark for myopia control. In accordance with this CE mark, the claim "Myopia Control" is written on their labels.

## ■ 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  
Discover it on [www.precilens.com/en/click-fit.php](http://www.precilens.com/en/click-fit.php)

## ■ Support Tools on line

- Fitting guide and optimization sheets
- Key elements of successful fitting
- Materials guide  
Discover them on [www.precilens.com/en/contact-lens-fitting.php](http://www.precilens.com/en/contact-lens-fitting.php)



## CONTACT US

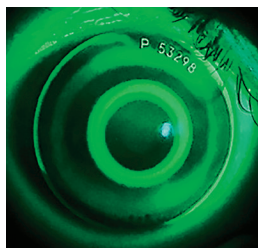
Phone : 33 (0)1 45 13 18 45  
Address: 25 rue Auguste Perret - 94000 Créteil, France  
Opening hours: Monday to Friday - 9 am to 5 pm (CET)



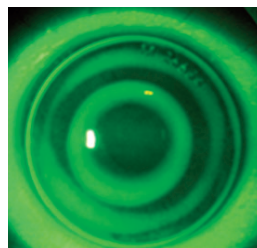
# Orthokeratology contact lenses

## 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

Clinical studies demonstrate up to 85% reduction of the axial length.

Flash the QR code below to discover them



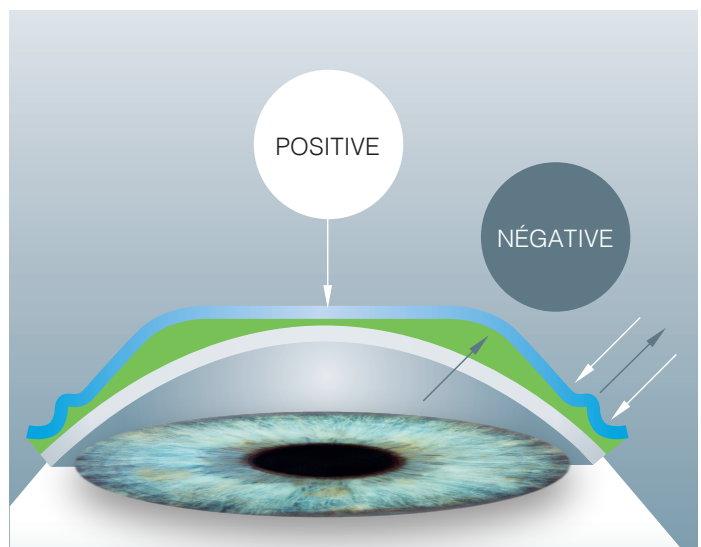
ADULTS & PRESBYOPES	Indications	Fitting
DRLM	Myopia up to -7.00 Hypermetropia up to +4.00 Cylinder up to -4.00 Presbyopia up to +3.00	Topographies required. Contact lens calculated by Click & Fit or by the laboratory
DRLH		
DRLM T/ DRLH T		
DRLM Near / DRLH Near		
DRL T Near		

# DRL®

## Night contact lens

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

 **Precilens Ortho-k contact lenses must be delivered with instructions for use that it is necessary to give to the wearers** to give the leaflet to the wearer.

**Different languages\* of instructions for use can be downloaded (flash the QR code)**  
Distributors of Precilens lenses are required to print this leaflet in their own language and enclose it with the lenses they ship. Eye care professionals are also required



- **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](http://www.contactlensatnight.com)



## DRL® NIGHT LENSES INSERTION AND REMOVAL [www.contactlensatnight.com](http://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.

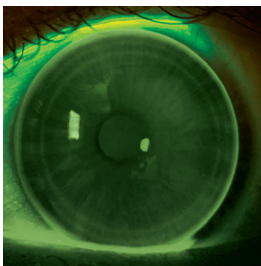
\* Languages: French, English, German, Spanish, Italian, Swedish, Dutch, Danish, Norwegian, Czech, Estonian, Hebrew, Italian, Latvian, Letton, Lithuanian, Portuguese, Polish, Romanian, Serbian, Slovak, Ukrainian.

# Contact lenses for daytime wear

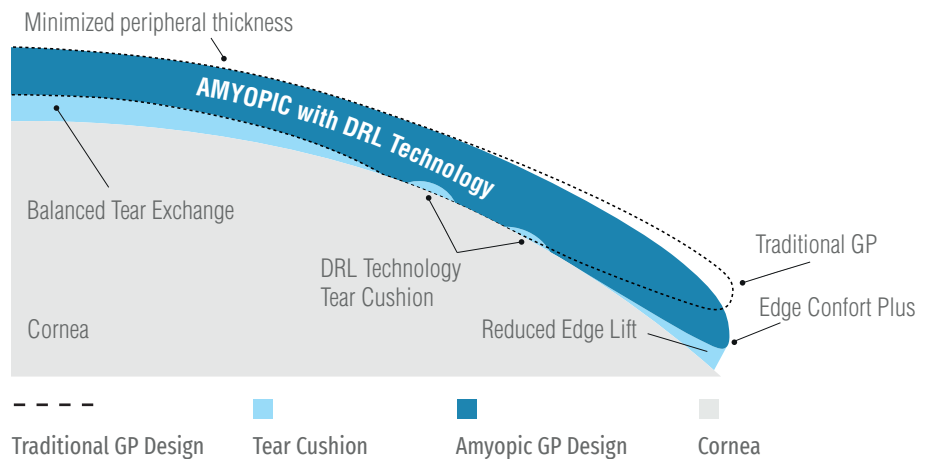
## MYOPIA MANAGEMENT for children and young people

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 <sup>st</sup> trial with PRE AMYOPIC
PRE AMYOPIC TI/TE		

PRE AMYOPIC



- 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°	$r_0 = Km + 0.70$ $\emptyset_T = DHIV + 3.00$ mm
AMYOPIC Silicone toric		

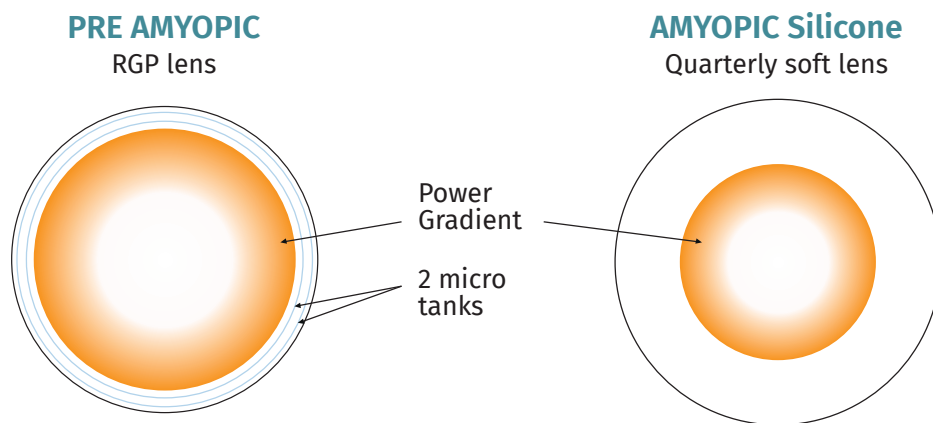






## AMYOPIC range: the solution when night-time wear is not suitable

- **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.



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

**Different languages\* of instructions for use can be downloaded (flash the QR code)**  
 Distributors of Precilens lenses are required to print this leaflet in their own language and enclose it with the lenses they ship. Eye care professionals are also required to give the leaflet to the wearer.



### ■ Renewal:

- Annually for PRE AMYOPIC
- Quarterly for AMYOPIC Silicone

### ■ Lens care:

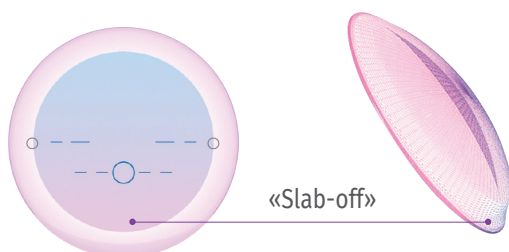
For rigid and soft AMYOPIC range, we recommend Peroxide solution for decontamination and Subtilisin deproteinization tablets for weekly deproteinization.

\* Languages: French, English, German, Spanish, Italian, Swedish, Dutch, Danish, Norwegian, Czech, Estonian, Hebrew, Italian, Latvian, Letton, Lithuanian, Portuguese, Polish, Romanian, Serbian, Slovak, Ukrainian.

# 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 <b>Click &amp; Fit</b> 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 <b>Click &amp; Fit</b> or $\emptyset$ 9,50 $r_0 = Km + 0.10$
<b>TORIC</b> 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 AS: $\emptyset_T$ : 9.00 to 11.10 per 0.30 F'v: -25.00 to +25.00 per 0.25	TI: $\emptyset$ 10.20 $r_0 = K$ $r'_0 = K' + 0.15$ or calculated by the laboratory or PRE AS TI calculated by <b>Click &amp; Fit</b> TE: 1st trial with PRE PERFORM or PRE AS XL
PRE AS XL TI/TE		
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 <sup>st</sup> 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 <sup>st</sup> trial with PRE TI
<b>PRESBYOPIA</b> 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: Km - 0.10 0.30<toricity<0.40: $r_0 = Km$ TI: calculated by the laboratory TE: 1 <sup>st</sup> 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 <b>Click &amp; Fit</b> or $\emptyset$ 9.00 $r_0 = Km$ or TI: $\emptyset$ 9.00 $r_0 = K - 0.05 /$ $r'_0 = K' + 0.10 + \text{Axis } K$ TE: 1 <sup>st</sup> 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 must be delivered with instructions for use that it is necessary to give to the wearers

**Different languages\* of instructions for use can be downloaded (flash the QR code)**  
Distributors of Precilens lenses are required to print this leaflet in their own language and enclose it with the lenses they ship. Eye care professionals are also required to give the leaflet to the wearer.



### ■ Renewal:

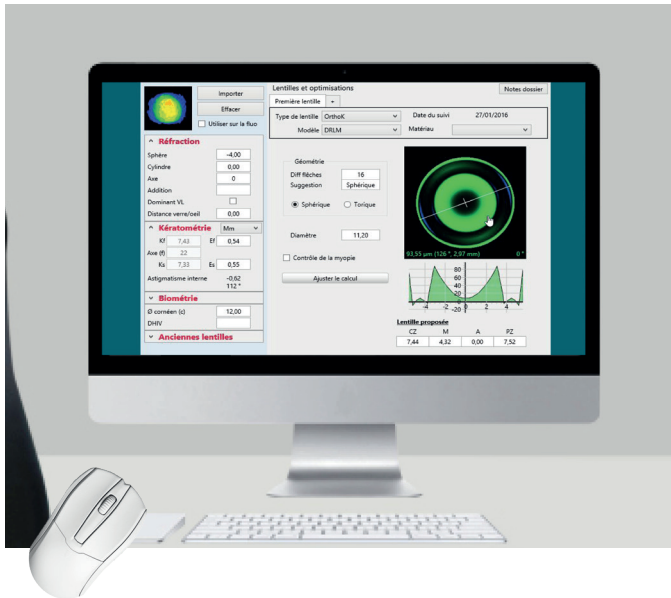
- AMYOPIC range: annually
- Others contact lenses: 18 months

### ■ 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, Czech, Estonian, Hebrew, Italian, Latvian, Letton, Lithuanian, Portuguese, Polish, Romanian, Serbian, Slovak, Ukrainian.

# 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.

Discover it on [www.precilens.com/en/click-fit.php](http://www.precilens.com/en/click-fit.php)  
**Free of charge download** available in the section MY ACCOUNT.

# Compatible topographers

Atlas 9000 (Zeiss)	OPDScan (Nidek)
CSO Phoenix Sirius (Medical Deveves)	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)
Memdont 7 (Medmont)	WAM800 (Essilor)





# MATERIAL GUIDE for ortho-K and daytime rigid contact lenses

Technical specification	High DK				Medium DK		Low 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
<i>n refractive index</i>	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 weigh	1.19	1.15	1.16	1.27	1.17	1.23	1.19	1.22

Indications	Advised material
High need for O2	High Dk
Post surgery	High Dk
Irregular cornea	Medium Dk
Corneal astigmatism	Medium Dk
Dry eye	Medium Low Dk
Poor quality tear film	Medium Low Dk
Continuous wear	High Dk
Night time wear	High Dk
Post PMMA	Low Dk

The choice of Precilens in 1 <sup>st</sup> intention	
PRE range	Optimum 65
Keratoconus range	Optimum 65
Presbyopia	Optimum 26
Orthokeratology	Optimum 100





Find our products and solutions on [www.precilens.com](http://www.precilens.com)

To discover all our documentation  
flash the QR code below"



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