

Spot The Difference

DURABON Lenses Price Catalog 2026

DURABON



RX Lenses

Italian innovation, precision
& style in advanced lens technology.

Life style Lenses

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Artificial Intelligence in Lens Production

Today, leading companies in lens production are striving to take significant steps in the field of vision correction. DURABON has taken a major step in this direction by creating lenses with the most suitable designs for better eye compatibility, resulting in a product that perfectly matches individual needs. Thanks to remarkable advancements in technology and the emergence of the Metaverse, each customer can now immerse themselves in a virtual world and actively participate in the design process of progressive lenses.

Through motion sensors, head and eye movements are evaluated in a ۳D environment, providing us with an accurate map that identifies the most frequently used areas of the lens. Using artificial intelligence and precise calculations of this data, we create progressive lenses that are significantly more comfortable to use than others, delivering a unique and enjoyable experience for customers


DURABON

STOCK LENSES

Durabon manufactures stock lenses that meet the highest global standards by utilizing premium-grade materials and state-of-the-art coating technologies. All Durabon products can be supplied with the Duratech LR coating system, tailored to the specific needs of the end user.
The Duratech material has been selected through rigorous testing and detailed spectrophotometric analysis conducted by our R&D department. It effectively blocks all wavelengths below 406 nanometers.
When combined with the LR coating, this material delivers complete retinal protection while minimizing surface reflections—ensuring both optimal optical performance and an aesthetically refined appearance for the eyewear.







RX Lenses

DURABON's custom lenses are produced using the most advanced software in the optical industry. The manufacturing technology and design techniques employed in making these lenses ensure consumers receive a premium product.

The precise design and point-by-point cutting significantly reduce optical aberrations, resulting in markedly improved vision quality and greater user satisfaction with their glasses



SINGLE VISION LENSES

DURABON's custom single vision lenses combine Freeform technology with AI-powered design, delivering unparalleled visual precision. Our tailored approach creates personalized lenses that adapt to each wearer's unique needs, offering a transformative visual experience with exceptional clarity.

UltraMaxsv

UltraMax SV is an advanced evolution of a multi-aspheric ophthalmic lens. Leveraging the Eye-Shuttle technology, it is possible to customise the lens asphericity according to the person's unique eye movement patterns. Thanks to the eye-tracking sensors of the virtual reality headset and the use of dedicated algorithms, a frequency map representing the most frequently used lens zones is generated. By computing all this data, it is possible to modulate the multisphericity of UltraMax SV according to the person's natural eye movements, bringing visual comfort to a higher level. Moreover, the person will perceive sharper vision thanks to this customised spherical aberration compensation. The incredible technology of UltraMax SV is enhanced by a unique and unforgettable buying experience thanks to Eye-Shuttle's virtual reality, your customers will be captured by the beauty of the Metaverse.

OPTIMIZED FOR
DIGITAL DEVICES
INCREASED COMFORT ON
PERIPHERAL AND NEAR VISION
HIGH CONTRAST

Lens Index	Material	Abbe Value	€ Price
1.50	Clear	58	96
	Photo GR/BR	58	126
	Trans 8	58	154
	Polar GR/BR/GN	58	138
1.53	Clear	45	118
	Trans 8	45	178
1.60	Clear	42	118
	Trans 8	42	178
	Polar GR/BR/GN	42	152
1.67	Clear	32	148
	Trans 8	32	226
	Polar GR/BR/GN	32	183
1.74	Clear	32	168
	Trans 8	32	328

SOFTWARE
VR
EYE SHUTTLE

TECHNOLOGIES
WFRT TECHNOLOGY
EYE SHUTTLE

DESIGN PARAMETERS

Market Segment	Allowed Materials	Precalibration	Personalization	Prism Ref. Point (PRP)
High-end single vision	All	Yes	Yes	Geometrical Center Allowed Range: 0 - 15 mm

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Single Vision

FlexMaxsv

Single vision designs available in the market work for all common daily tasks such as working and leisure. The FlexMaxSV.
technology adds a specific focus to the intensive use of digital devices and optimizes the design for the related distances and thus for activities such as reading or playing videogames on smartphones and tablets.
The innovative 3D simulation environment takes into account multiple distances at predefined gazes for which a shorter than usual distance is adopted for the optimization process on peripheral and near vision. Thanks to this innovative technology, the wearer benefits of a wider and dynamic field of view and gets increased comfort and higher contrast with less strain, in particular while using digital devices.in all directions, even at near distances.

HIGH-END DESIGN
OBLIQUE ERRORS
MINIMIZATION
IDEAL FOR HIGH PLUS & MINUS
PRESCRIPTIONS

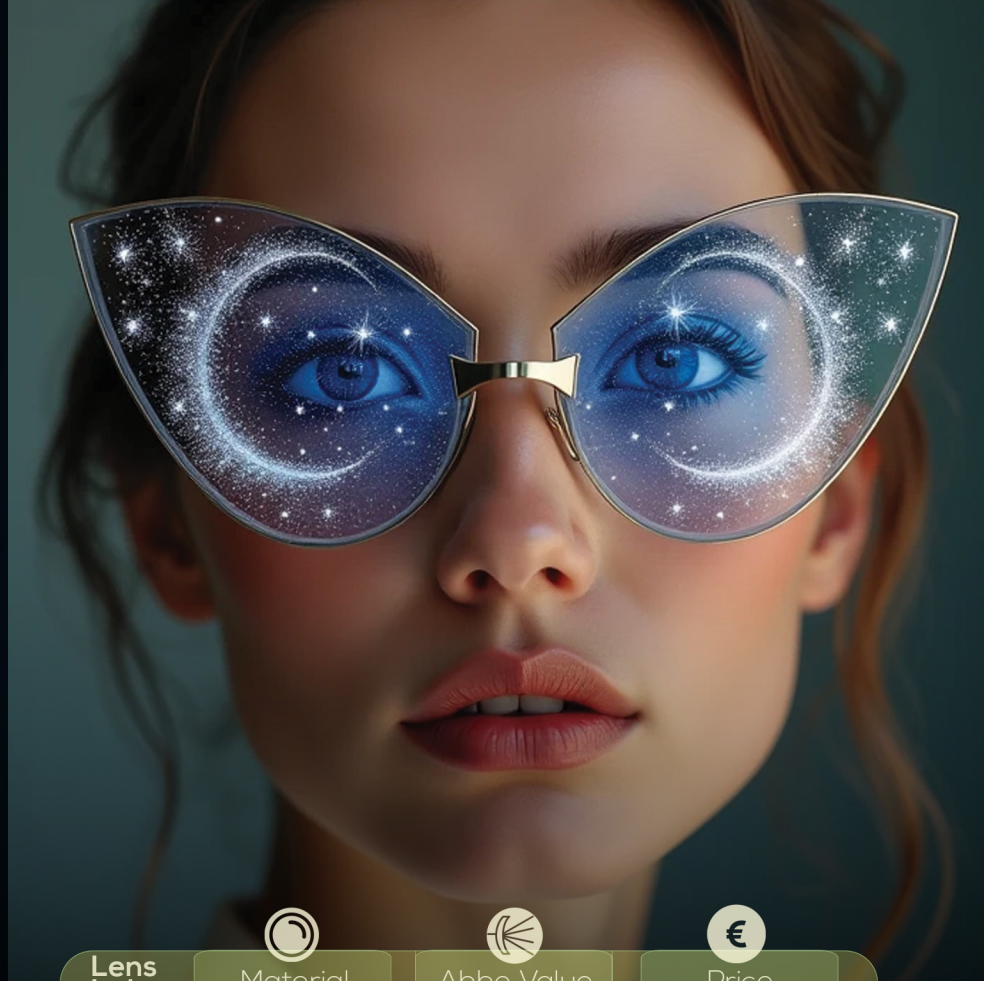
TECHNOLOGIES

WFRT TECHNOLOGY

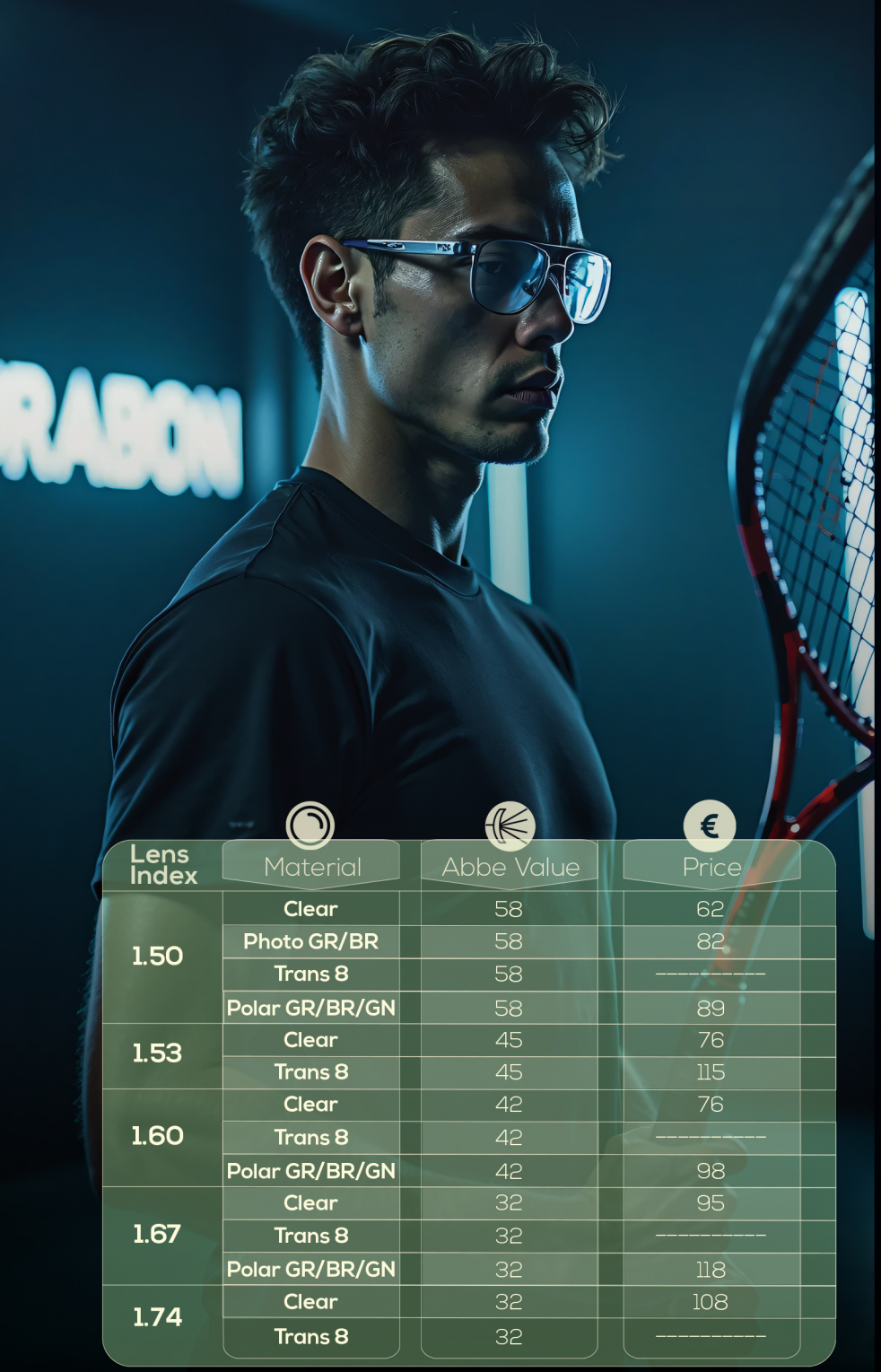
DESIGN PARAMETERS



Market Segment	Allowed Materials	Precalibration	Personalization	Prism Ref. Point (PRP)
High-end single vision	All	Yes	Yes	Geometrical Center Allowed Range: 0 - 15 mm



Lens Index	Material	Abbe Value	Price
1.50	Clear	58	68
	Photo GR/BR	58	89
	Trans 8	58	----------
	Polar GR/BR/GN	58	98
1.53	Clear	45	83
	Trans 8	45	126
1.60	Clear	42	83
	Trans 8	42	----------
	Polar GR/BR/GN	42	107
1.67	Clear	32	104
	Trans 8	32	----------
	Polar GR/BR/GN	32	129
1.74	Clear	32	118
	Trans 8	32	----------



ClearMax sv

Based on the WFRTR Technology, ClearMax SV minimizes oblique errors to give clear vision on every gaze direction. Thanks to the special form of the surface, final lenses result thinner and lighter, even compared to traditional aspheric designs.
Noticeable improvement will be noted by users with high prescriptions or in case of special frames, such as sport glasses, where higher base curves are needed.
Personalization parameters, including user data and frame specifications, are required to achieve a compensated prescription and the maximum performance.

REPLACES ASPHERIC BLANKS
IN YOUR STOCK
PROVIDES CHEAPER
ALTERNATIVE TO SV
PERSONALIZED FF DESIGNS TO
YOUR CUSTOMERS
PROVIDES ATORICAL BACK

Lens Index	Material	Abbe Value	€ Price
1.50	Clear	58	62
	Photo GR/BR	58	82
	Trans 8	58	----------
	Polar GR/BR/GN	58	89
1.53	Clear	45	76
	Trans 8	45	115
1.60	Clear	42	76
	Trans 8	42	----------
	Polar GR/BR/GN	42	98
1.67	Clear	32	95
	Trans 8	32	----------
	Polar GR/BR/GN	32	118
1.74	Clear	32	108
	Trans 8	32	----------

TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Market Segment	Allowed Materials	Precalibration	Personalization	Prism Ref. Point (PRP)
High-end single vision	All	Yes	Yes	Geometrical Center Allowed Range: 0 - 15 mm

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Single Vision

AsforMaxsv

This is a new simple aspheric design particulary suitable to replace the conventional production based on aspheric blanks. No more aspheric blanks stock in your lab, but you can keep offering cheap aspheric lenses other than top quality multi-aspheric customized lenses ? using the same spherical blanks. Good vision quality at a reasonable cost and the right way to consume your stock of conventionals.

ALL MATERIALS
REMOVE YOUR STOCK
EXCELLENT VALUE FOR MONEY

TECHNOLOGIES

STANDARD ASPHERIC

DESIGN PARAMETERS

Market Segment	Allowed Materials	Precalibration	Personalization	Prism Ref. Point (PRP)
High-end single vision	All	Yes	Yes	Geometrical Center Allowed Range: 0 - 15 mm



Lens Index	Material	Abbe Value	Price
1.50	Clear	58	38
	Photo GR/BR	58	48
	Trans 8	58	----------
	Polar GR/BR/GN	58	54
1.53	Clear	45	46
	Trans 8	45	70
1.60	Clear	42	46
	Trans 8	42	----------
	Polar GR/BR/GN	42	60
1.67	Clear	32	58
	Trans 8	32	----------
	Polar GR/BR/GN	32	72
1.74	Clear	32	66
	Trans 8	32	----------


DURABON



BIFOCAL LENSES

Bifocal lenses with an invisible progressive zone offer a significant improvement in vision quality and an aesthetically pleasing appearance, thanks to free-form technology. They are an excellent option for those with presbyopia or for anyone who has never used progressive lenses before.





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Bifocal freeform

DualMax

Although the market is dominated by progressive lenses, the demand for bifocals is, especially in some countries, still present. Holding a stock of bifocal blanks in a Free Form oriented environment, only to satisfy a moderate number of requests, is very expensive for a surfacing lab.DURABON introduces DualMax and DubleMax, the first Free Form Bifocal designs in the industry. They are blended bifocals available in traditional DualMax 28/24mm segment's width styles. You can make it as any other free form lens, in any index, from a standard single vision blank. All features of other designs are supported including prism, OC decentering, inset, and thickness optimization through precalibration.

OPTIMIZED THANKS TO THE OBJECTIVE MEASUREMENT OF WEARER'S EYE MOVEMENTS



Market Segment	Legacy Product
Calculation Technology	Nominal Power
Type	Blended Bifocal
Allowed Materials	All
Personalization	No
Precalibration	Yes
Prism Ref. Point (PRP)	Geometrical Center Allowed Range: 0 - 10 mm
Distance Ref. Point (DRP)	Same as PRP
Segment Style	Round
Segment Width	24 - 28 mm
Segment Vertical Offset	5 mm
Layout Reference Point (LRP)	Same as PRP
Inset	2.5 mm
Near Ref. Point (NRP)	8 mm
Addition Range	0.50 / 4.00 dpt

DESIGN PARAMETERS



TECHNOLOGIES

NOMINAL POWER

Lens Index	Material	Abbe Value	Price
1.50	Clear	58	42
	Photo GR/BR	58	55
	Trans 8	58	----------
	Polar GR/BR/GN	58	60
1.53	Clear	45	52
	Trans 8	45	77
1.60	Clear	42	52
	Trans 8	42	----------
	Polar GR/BR/GN	42	66
1.67	Clear	32	64
	Trans 8	32	----------
	Polar GR/BR/GN	32	80
1.74	Clear	32	74
	Trans 8	32	----------



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Bifocal freeform

DoubleMax

Although the market is dominated by progressive lenses, the demand for bifocals is, especially in some countries, still present. Holding a stock of bifocal blanks in a Free Form oriented environment, only to satisfy a moderate number of requests, is very expensive for a surfacing lab.DURABON introduces DualMax and DubleMax, the first Free Form Bifocal designs in the industry. They are blended bifocals available in traditional DoubleMax 45/40 segment's width styles. You can make it as any other free form lens, in any index, from a standard single vision blank. All features of other designs are supported including prism, OC decentering, inset, and thickness optimization through precalibration.

OPTIMIZED THANKS TO THE OBJECTIVE MEASUREMENT OF WEARER'S EYE MOVEMENTS

Lens Index	Material	Abbe Value	Price
1.50	Clear	58	52
	Photo GR/BR	58	68
	Trans 8	58	----------
	Polar GR/BR/GN	58	74
1.53	Clear	45	64
	Trans 8	45	96
1.60	Clear	42	63
	Trans 8	42	----------
	Polar GR/BR/GN	42	82
1.67	Clear	32	80
	Trans 8	32	----------
	Polar GR/BR/GN	32	99
1.74	Clear	32	90
	Trans 8	32	----------

DESIGN PARAMETERS

TECHNOLOGIES

NOMINAL POWER

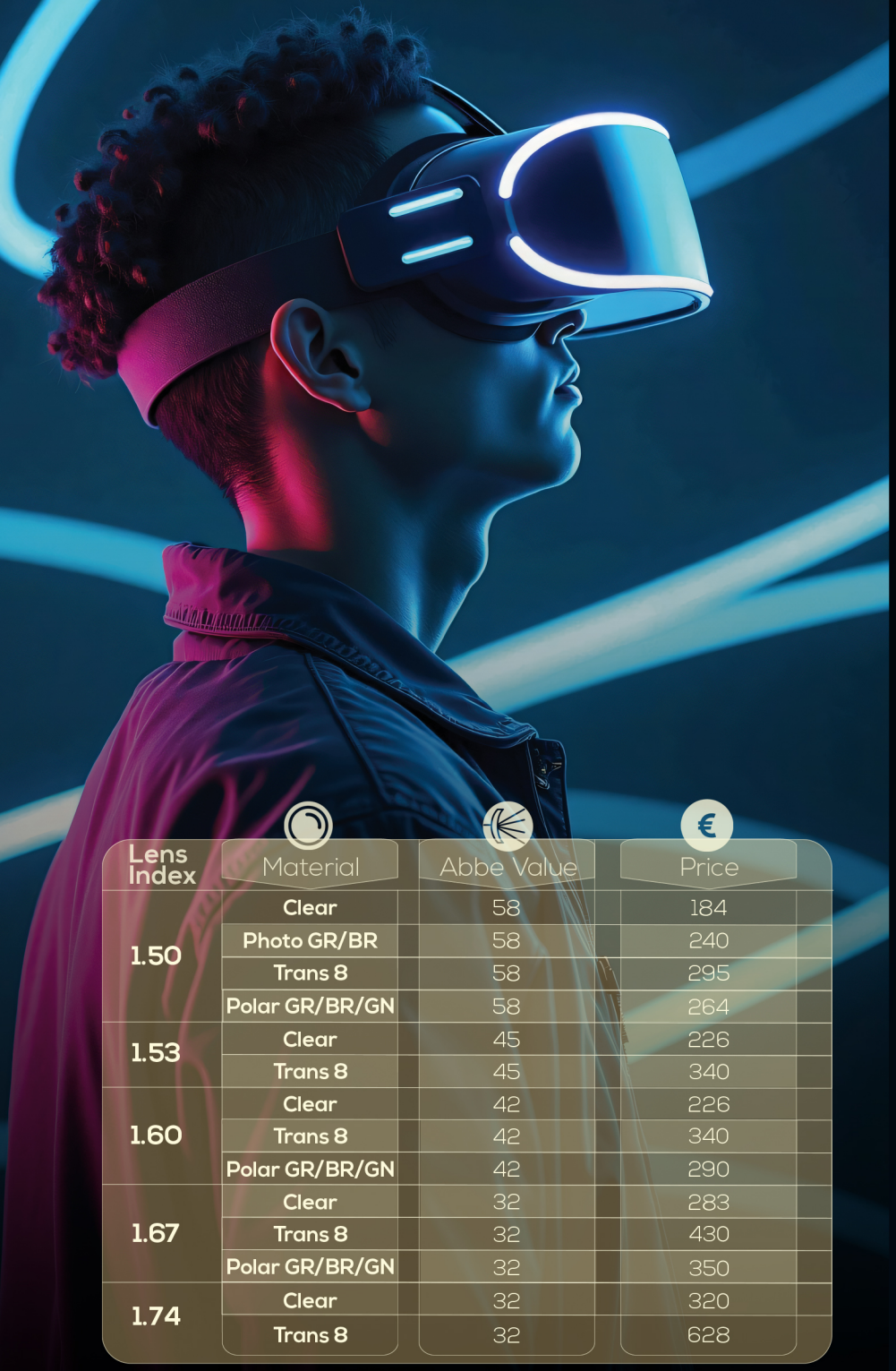
Market Segment	Legacy Product
Calculation Technology	Nominal Power
Type	Blended Bifocal
Allowed Materials	All
Personalization	No
Precalibration	Yes
Prism Ref. Point (PRP)	Geometrical Center Allowed Range: 0 - 10 mm
Distance Ref. Point (DRP)	Same as PRP
Segment Style	Round Ultex
Segment Width	40 - 45 mm
Segment Vertical Offset	5 mm
Layout Reference Point (LRP)	Same as PRP
Inset	2.5 mm
Near Ref. Point (NRP)	10 mm
Addition Range	0.50 / 4.00 dpt

PROGRESIVE LENSES

When your customer needs good vision at all distances, from far to near, recommend Durabon progressive lenses to them.

Durabon progressive lenses are available in nine different designs, which can , give you the flexibility to provide suitable options for a wide range of customers.





Lens Index	Material	Abbe Value	€ Price
1.50	Clear	58	184
	Photo GR/BR	58	240
	Trans 8	58	295
	Polar GR/BR/GN	58	264
1.53	Clear	45	226
	Trans 8	45	340
1.60	Clear	42	226
	Trans 8	42	340
	Polar GR/BR/GN	42	290
1.67	Clear	32	283
	Trans 8	32	430
	Polar GR/BR/GN	32	350
1.74	Clear	32	320
	Trans 8	32	628

UltraMax

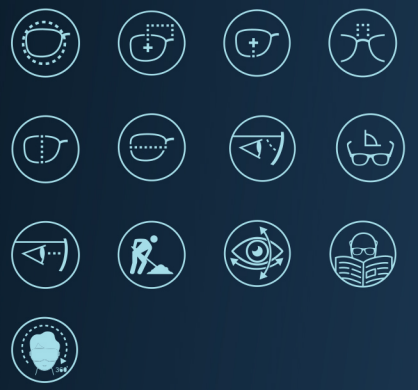
UltraMax begins a new era of progressive lens customization. Thanks to YESHUTTLE new visual experience within the Metaverse, clients will be immersed in an engaging "virtual universe", allowing them to customize UltraMax power distribution, based on their own vision habits. Clients will actively participate in the UltraMax design process, they will not just buy a lens. Let them join the metaverse and live a customer experience never seen before, this progressive lens will stand out from the others!
EYE-SHUTTLE eye-tracking sensors assess eyes and head motions in a 3D environment. The result is a frequency map representing the most frequently used lens zones. Computing all these data, optical power can be redistributed according to gaze dynamics of the user, making UltraMax much more comfortable than a standard progressive lenses.
You will no longer need questionnaires to hypothesize which lens areas clients use the most; now you will finally be able to measure it in real time, in the 3D space.

iNNOVATIVE HIGH-END DESIGN
POWERED WITH AI
NEAR VISION BEHAVIOUR
CUSTOMIZATION

SOFTWARE
VR
EYE SHUTTLE

TECHNOLOGIES
WFRT TECHNOLOGY
EYE SHUTTLE

DESIGN PARAMETERS



Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end progressive	Adaptive	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm smart inset	12 - 18 mm	0.75 / 4.50 dpt



OptiMax

It is dedicated to presbyopes who need a super customized lens. OptiMax is the first adaptive lens that changes its geometry according to the lifestyle of the wearer, trough the choose from the following designs:
Olimpia - design for those who need a progressive lens both in everyday life but also during sports activities Pilot - – for those who loves to run outside or watch a movie on sofa, therefore it favors the the distant and middle area Equilibria - balanced design, for every day and with a good zone in the far, near and in the middle area Brico - for those who work outside or love bricolage, favoring the near and middle area Close - for those who spend many hours in the office and dedicate a lot of time reading, therefore a design that favors the area up close Horizon - for those who spend many hours outside or driving, therefore it favors the distant area. The power law and the geometry have been improved to offer excellent stability of images and wider visual field. Thanks to Pupyl Opening Technology, OptiMax allows to support the mydriasis process ensuring natural and comfortable vision. Its special molecule composition enables to filter the amount of light that enters in the lens.

HIGH-END DESIGN
FOCUSED ON WEARER'S AGE
IMMEDIATE ADAPTION

TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Lens Index	Material	Abbe Value	Price
1.50	Clear	58	92
	Photo GR/BR	58	120
	Trans 8	58	147
	Polar GR/BR/GN	58	132
1.53	Clear	45	113
	Trans 8	45	170
1.60	Clear	42	113
	Trans 8	42	170
	Polar GR/BR/GN	42	145
1.67	Clear	32	142
	Trans 8	32	216
	Polar GR/BR/GN	32	175
1.74	Clear	32	160
	Trans 8	32	314

Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end progressive	Adaptive	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm smart inset	12 - 18 mm	0.75 / 4.50 dpt



SuperMax

SuperMax is the revolutionary design introduced by DURABON in the market. It is powered with AI (Artificial Intelligence) to satisfy design quality constraints and provides extreme clear vision and comfort. SuperMax is the first completely customized progressive lens, generated by a meticulous algorithm called DNA PATCH CALCULATION that re-elaborates the visual parameters by adding an innovative patch based mathematical model. Thanks to PUPYL OPENING TECHNOLOGY, SuperMax allows to support the mydriasis process ensuring natural and comfortable vision. When associated with I-check, the AI engine calculation takes into account the near interpupillary distance for inset ptimization and the near vision behaviors to calculate the perfect geometry for the user, in order to have minimal adaptation needs.
Moreover with MAX VOLUME technology, the wearer perceives an increase of the visual field (in depth and width) and thu san efficient increased volume.

HIGH-END DESIGN
FOCUSED ON WEARER'S LIFESTYLE
TRULY ADAPTIVE GEOMETRY
EXTREMELY MINIMIZED ABERRATIONS

Lens Index	Material	Abbe Value	€ Price
1.50	Clear	58	98
	Photo GR/BR	58	128
	Trans 8	58	157
	Polar GR/BR/GN	58	140
1.53	Clear	45	120
	Trans 8	45	182
1.60	Clear	42	120
	Trans 8	42	180
	Polar GR/BR/GN	42	155
1.67	Clear	32	150
	Trans 8	32	230
	Polar GR/BR/GN	32	186
1.74	Clear	32	172
	Trans 8	32	334

TECHNOLOGIES

WFRT TECHNOLOGY

AI

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end progressive	Adaptive	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm smart inset	12 - 18 mm	0.75 / 4.50 dpt

AgeMax

The new frontier of PAL designs is to improve adaptability based on users' behavior and lifestyle. The AgeMax from DURABON Tech extends the power of IntroMax and it is based on a multi-design concept that provides different power distribution and optimization targets for each addition/corridor combination. As the addition increases with user's age, the target of the design is to keep always the same level of comfort for all zones to guarantee immediate adaptation.
Every single solution has been tested on average users with different kinds of frames and has been fixed according to the feedbacks received. Further customization is also available for this design when you provide parameters of user and frame.

HIGH-END DESIGN
CLEAR VISION ON PERIPHERY
BALANCED & SMOOTH
DISTRIBUTION
MINIMUM UNWANTED
ASTIGATISM

TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end progressive	Adaptive	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm smart inset	11 - 17 mm	0.75 / 4.50 dpt



Lens Index	Material	Abbe Value	Price
1.50	Clear	58	84
	Photo GR/BR	58	110
	Trans 8	58	----------
	Polar GR/BR/GN	58	120
1.53	Clear	45	98
	Trans 8	45	155
1.60	Clear	42	98
	Trans 8	42	----------
	Polar GR/BR/GN	42	132
1.67	Clear	32	129
	Trans 8	32	----------
	Polar GR/BR/GN	32	160
1.74	Clear	32	146
	Trans 8	32	----------

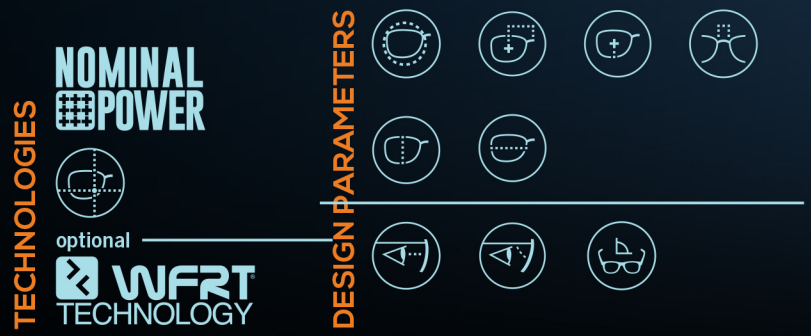


FarMax

FarMax is the innovative PAL design, developed by DURABON, with an improved attention to distance and near zones.
Compared to other conventional designs, those zones are %30 wider.
Unwanted astigmatism is reduced to the minimum and pushed to the parts of the lens that are, most of the times, cutted out.
It is an hard design calculated on nominal power and is intended for people especially sensible to power variations in critical areas (Distance and Near), that have perhaps
refused PALs in the past.

BASIC DESIGN
INTENDED FOR GENERAL USE
BALANCED & SMOOTH
DISTRIBUTION
MINIMUM UNWANTED
ASTIGATISM

Lens Index	Material	Abbe Value	Price
1.50	Clear	58	58
	Photo GR/BR	58	76
	Trans 8	58	----------
	Polar GR/BR/GN	58	83
1.53	Clear	45	72
	Trans 8	45	107
1.60	Clear	42	72
	Trans 8	42	----------
	Polar GR/BR/GN	42	92
1.67	Clear	32	89
	Trans 8	32	----------
	Polar GR/BR/GN	32	110
1.74	Clear	32	98
	Trans 8	32	----------



Market Segment	Type	Allowed Materials	Precalibration	Personalization
Medium to High-end progressive	Hard	All	Yes	Optional

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm auto inset	12 - 13 - 15 - 17 mm	0.75 / 4.00 dpt

MiniMax

When you have a small frame, you need a good short corridor design and MiniMax is the ideal product.
It is a basic design with 12mm corridor and minimum fitting height of 14mm.
The special design concept behind it allows to keep a good performance for distance and near zones and a generous corridor width, despite its shortness. Unwanted astigmatism, as well, is reduced to the minimum. Calculation is based on nominal power.

FOR SINGLE EYE VISION
VERY SMALL INSET
SAME PERFORMANCE AS
TRADITIONAL PAL



TECHNOLOGIES

NOMINAL POWER

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
Basic progressive	Soft	All	Yes	No

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm auto inset	12 mm	0.75 / 3.50 dpt

Lens Index	Material	Abbe Value	Price
1.50	Clear	58	42
	Photo GR/BR	58	55
	Trans 8	58	----------
	Polar GR/BR/GN	58	60
1.53	Clear	45	52
	Trans 8	45	78
1.60	Clear	42	52
	Trans 8	42	----------
	Polar GR/BR/GN	42	66
1.67	Clear	32	64
	Trans 8	32	----------
	Polar GR/BR/GN	32	80
1.74	Clear	32	73
	Trans 8	32	----------



IntroMax

IntroMax is the high-end PAL design provided by DURABON It is calculated with WFRTR (Wavefront Ray Tracing Technology), in order to improve quality of vision on every gaze direction and drastically reduce aberrations on periphery. Every point along the corridor is optimized with variable object distance.
The smooth and balanced distribution of power across the surface gives superior comfort. Unwanted astigmastim is minimized in critical areas, like distance and near zones and the corridor, and pushed out to the parts of the lens that are, most of the times, cutted out. Along with the rx data, all parameters provided by the user are taken into account, including back vertex distance, pantoscopic angle, frame wrap and working distance.

MEDIUM TO HIGH-END DESIGN
%30 WIDER DISTANCE AND
NEAR ZONES
MINIMUM UNWANTED
ASTIGATISM
IDEAL FOR PEOPLE THAT HAVE
REFUSED

Lens Index	Material	Abbe Value	Price
1.50	Clear	58	58
	Photo GR/BR	58	76
	Trans 8	58	----------
	Polar GR/BR/GN	58	83
1.53	Clear	45	72
	Trans 8	45	107
1.60	Clear	42	72
	Trans 8	42	----------
	Polar GR/BR/GN	42	92
1.67	Clear	32	89
	Trans 8	32	----------
	Polar GR/BR/GN	32	110
1.74	Clear	32	98
	Trans 8	32	----------

TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end progressive	Soft	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm smart inset	12 - 14 - 16 - 18 mm	0.75 / 4.00 dpt

MonoMax

A special version of premium Age design intended for single eye vision. In the world there are many people affected by single eye vision. As those people do not converge the same way of other people on near vision, standard progressive lenses do not work.
DURABON has created a special version of its premium Age design with a new calculation algorithm featured by smaller inset values and based to the weakest ability of those people to converge. The performance is the same as the standard AgeMax design with the optimized inset and guarantees the patient affected by single eye vision optimal performance from distance to near.

ADVANCED EVOLUTION
OF A MULTI-ASPHERIC
OPHTHALMIC LENS



TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end progressive	Adaptive	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0	11 - 17 mm	0.75 / 4.50 dpt

Lens Index	Material	Abbe Value	€ Price
1.50	Clear	58	84
	Photo GR/BR	58	110
	Trans 8	58	----------
	Polar GR/BR/GN	58	118
1.53	Clear	45	98
	Trans 8	45	155
1.60	Clear	42	98
	Trans 8	42	----------
	Polar GR/BR/GN	42	132
1.67	Clear	32	129
	Trans 8	32	----------
	Polar GR/BR/GN	32	160
1.74	Clear	32	146
	Trans 8	32	----------



BalanceMax

This is a basic PAL Design intended for general use. The distribution of power is smooth and well balanced and guarantees good performance in any environment. Unwanted astigmatism is reduced to the minimum and pushed to the parts of the lens that are, most of the times, beveled out.
It is easy to sell for the practioner, as it completely complies with the prescription. Calculation is based on nominal power.

BASIC DESIGN
SHORT CORRIDOR
OPTIMIZED FOR SMALL FRAMES
MINIMUM UNWANTED
ASTIGMATISM

Lens Index	Material	Abbe Value	€ Price
1.50	Clear	58	42
	Photo GR/BR	58	55
	Trans 8	58	----------
	Polar GR/BR/GN	58	60
1.53	Clear	45	52
	Trans 8	45	78
1.60	Clear	42	52
	Trans 8	42	----------
	Polar GR/BR/GN	42	66
1.67	Clear	32	64
	Trans 8	32	----------
	Polar GR/BR/GN	32	80
1.74	Clear	32	73
	Trans 8	32	----------

TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
Basic progressive	Soft	All	Yes	No

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm auto inset	14 - 16 - 18 mm	0.75 / 4.00 dpt

LIFESTYLE LENSES

Designed for individuals with unique professional and lifestyle needs, our Lifestyle Lenses offer tailored vision solutions. Whether you're an office worker requiring seamless transitions between close-up tasks and intermediate distances, or a driver who needs clear distance vision with optimal mid-range clarity (dashboard view), these lenses ensure a fatigue-free, productive day







ReadMax

ReadMax completes the ARYA design series that leverages the Eye-Shuttle virtual reality headset. It is the first anti-fatigue lens optimized thanks to the objective measurement of wearer's eye movements and it features a light power progression, which creates a very wide and comfortable near zone. ReadMax is available with as many as five additions (1.25 ,1.00 ,0.75 ,0.50 ,0.25 - Dpt) that support the person's accommodative system to relax near vision without any lens adaptation required.
Thanks to the eye movement patterns detected by Eye-Shuttle's eye-tracking sensors, the addition power distribution is customized and unique for each wearer to ensure unparalleled visual comfort. This lens supports the accommodative system by relaxing the ciliary muscle; therefore, it is perfect for early presbyopes and teenagers with accommodative insufficiency.

ANTI-FATIGUE DESIGN
POWER BOOST
IN THE BOTTOM
INTENDED FOR ASSIDUOUS
READERS
FULL FIELD DESIGN

SOFTWARE

VR EYE SHUTTLE

TECHNOLOGIES

WFRT TECHNOLOGY

EYE SHUTTLE

DESIGN PARAMETERS

Lens Index	Material	Abbe Value	Price
1.50	Clear	58	128
	Photo GR/BR	58	168
	Trans 8	58	198
	Polar GR/BR/GN	58	183
1.53	Clear	45	157
	Trans 8	45	237
1.60	Clear	42	157
	Trans 8	42	237
	Polar GR/BR/GN	42	198
1.67	Clear	32	197
	Trans 8	32	300
	Polar GR/BR/GN	32	243
1.74	Clear	32	223
	Trans 8	32	437

Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end Anti-Fatigue	Power Boost Equipped Lens	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Power Boost	Near Ref. Point (NRP)
Geometrical Center. Allowed Range 0 - 15 mm	+ 10 mm	+ 4 mm	0 - 4 mm auto inset	0.25 - 0.50 - 0.75 - 1.00 - 1.25 - 1.50 dpt	18 mm

KidsMax

Strabismus or Esotropia is an eye condition most commonly occurring in infants. The condition causes a misalignment of the eyes - wherein one eye looks straight ahead and the other eye looks upward, downward, to the left or to the right.
Strabismus occurs when muscles around the eye don't work in full coordination. Children ranging from 2 to 16 years can be treated for accommodative esotropia with KidsMax progressive lenses.
KidsMax is suitable for small frames. It is featured by a short corridor of only 8 mm and a minimum fitting height of 10 mm.
Kids Pro improves ocular parallelism and binocular cooperation, ensuring an excellent balance between usability and comfort.

THE FIRST INTELLIGENT
PROCREA SV DESIGNED
TO SLOW DOWN MYOPIA
PROGRESSION

TECHNOLOGIES

NOMINAL POWER

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
PAL for child	Soft	All	Yes	No

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm auto inset	8 mm	0.75 / 3.50 dpt



Lens Index	Material	Abbe Value	Price
1.50	Clear	58	58
	Photo GR/BR	58	76
	Trans 8	58	----------
	Polar GR/BR/GN	58	83
1.53	Clear	45	72
	Trans 8	45	107
1.60	Clear	42	72
	Trans 8	42	----------
	Polar GR/BR/GN	42	92
1.67	Clear	32	89
	Trans 8	32	----------
	Polar GR/BR/GN	32	110
1.74	Clear	32	98
	Trans 8	32	----------



ControlMax

ControlMax L is DURABON's freeform response to the myopia epidemic, which is spreading worldwide.
It is a unique and smart SV design to control myopia progression.
ControlMax exploits the peripheral defocus principle, which is the most accepted theoretical model regarding myopia progression. The peripheral positive defocus is introduced with an optimised and balanced power law, and it compensates for the eyeball elongation stimulus.
ControlMax features a symmetrical and concentric power distribution that homogenously stimulates the peripheral retina, where the cells that control myopia development are located. At the same time, It guarantees sharp and comfortable vision thanks to the central zone with the child's prescription.
The design has now been used across the world as myopia progression control strategy and no adaptation issues have been experienced.

MORE COMFORT
LESS THICKNESS
HIGH POWER

Lens Index	Material	Abbe Value	€ Price
1.50	Clear	58	62
	Photo GR/BR	58	82
	Trans 8	58	----------
	Polar GR/BR/GN	58	89
1.53	Clear	45	76
	Trans 8	45	115
1.60	Clear	42	76
	Trans 8	42	----------
	Polar GR/BR/GN	42	98
1.67	Clear	32	95
	Trans 8	32	----------
	Polar GR/BR/GN	32	118
1.74	Clear	32	108
	Trans 8	32	----------

TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Market Segment	Allowed Materials	Precalibration	Personalization
Single vision to control myopia progression	All	Yes	Yes

Prism Ref. Point (PRP)	Layout Reference Point (LRP)	Max. Diameter	Cylinder Range	SV Zone Diameter	Transition Zone Radius
Geometrical Center. Allowed Range 0 - 12 mm	0	80 mm	-8 / +8 dpt	9 mm	17,5 mm

WorkMax

WorkMax is an occupational design intended for intermediate and near use, such as computer or reading. It expands these specific visual fields featuring a very low unwanted astigmatism level, swim effect and lateral distortion.
It is, as well, a soft design with an almost immediate adaption.
Besides, the specific power distribution helps user to work in its natural posture, reducing also back and head movements.
On placing the order, you can manually select your desired degression. A table of equivalences between degression and depth of field is provided below to ease your choice.

DRIVE DESIGN
WIDE & CLEAR FAR VISION
GOOD INTERMEDIATE FOR
DASHBOARD
AND MIRRORS

TECHNOLOGIES

NOMINAL POWER

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end Office/ Computer Lens	Soft	All	Yes	No

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range	Degr.	Dept of Field
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm auto inset	15 mm	0.75 / 3.50 dpt	Auto	Variable (33 cm - 4 mt)



Lens Index	Material	Abbe Value	Price
1.50	Clear	58	58
	Photo GR/BR	58	----------
	Trans 8	58	----------
	Polar GR/BR/GN	58	----------
1.53	Clear	45	72
	Trans 8	45	----------
1.60	Clear	42	72
	Trans 8	42	----------
	Polar GR/BR/GN	42	----------
1.67	Clear	32	89
	Trans 8	32	----------
	Polar GR/BR/GN	32	----------
1.74	Clear	32	98
	Trans 8	32	----------



DigiMax

DigiMax is the perfect replacement to a conventional single vision design with a specific correction in the bottom part of the lens. The use of digital devices, such as computer, tablet, smartphone but also a book, stress the eyes as muscles surrounding the crystalline make a lot of effort to adapt from one evice to another resulting, after some time, in blurred vision.
DigiMax reduces your daily fatigue and improves digital devices reading.

EXTENDED ADDITIONS RANGE
FULL FIELD DESIGN
NO ACCOMODATION
SUITABLE AS FIRST-PAL

Lens Index	Material	Abbe Value	€ Price
1.50	Clear	58	76
	Photo GR/BR	58	99
	Trans 8	58	----------
	Polar GR/BR/GN	58	98
1.53	Clear	45	94
	Trans 8	45	140
1.60	Clear	42	94
	Trans 8	42	----------
	Polar GR/BR/GN	42	118
1.67	Clear	32	117
	Trans 8	32	----------
	Polar GR/BR/GN	32	144
1.74	Clear	32	132
	Trans 8	32	----------

TECHNOLOGIES

NOMINAL POWER

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
Medium Anti-Fatigue	Full Field Progressive	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Power Correction	Cylinder Range
Geometrical Center. Allowed Range 0 - 15 mm	Same as PRP	Same as PRP	0 - 4 mm auto inset	0.50 - 0.75 - 0,90 dpt	-8 / +8 dpt

RestMax

RestMax is a full field progressive lens with all benefits of a single vision lens. Equipped with extended addition range: 1.30 ,1.10 ,0.90 ,0.65 ,0.40, it takes you gradually over the time to wear a standard progressive lens without the need of adaption. Each addition has been developed with a special power law that guarantees the same comfort of a single vision lens, a soft corridor and a good near vision area. It reduces your daily accommodation efforts and avoids pain, dryness and headache on lower additions, while it acts as a "early" progressive lens on higher additions. It is suited for all-day use, indoor and outdoor, including computer and mobile devices that normally require high performance on near-intermediate distances.

POWER BOOST
IN THE BOTTOM
RELIEF WHILE USING
DIGITAL DEVICES
SUITABLE EVEN
FOR YOUNG PEOPLE

TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end Anti-Fatigue	Power Boost Equipped Lens	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Power Boost	Near Ref. Point (NRP)
Geometrical Center. Allowed Range 0 - 15 mm	+ 10 mm	+ 4 mm	0 - 4 mm auto inset	0.40 - 0.65 - 0.90 - 1.10 - 1.30 dpt	18 mm



Lens Index	Material	Abbe Value	Price
1.50	Clear	58	98
	Photo GR/BR	58	128
	Trans 8	58	157
	Polar GR/BR/GN	58	140
1.53	Clear	45	120
	Trans 8	45	182
1.60	Clear	42	120
	Trans 8	42	182
	Polar GR/BR/GN	42	155
1.67	Clear	32	150
	Trans 8	32	230
	Polar GR/BR/GN	32	186
1.74	Clear	32	170
	Trans 8	32	334

WorkUltraMax

The new exclusive office lens with a completely renovated concept. Instead of degression now one can choose the maximum depth of field of the lens based on personal requirements.
A wide range of depth of fields is available:
from 0,5m to 4mt, in steps of 0,5m. The design is automatically optimized for the selected value. It is easier now, even for opticians, to order an office lens. It is only necessary to know the user's work environment and create the "virtual room" accordingly.

OFFICE DESIGN
INTERMEDIATE AND NEAR USE
VERY LOW UNWANTED
ASTIGMATISM



Lens Index	Material	Abbe Value	Price
1.50	Clear	58	42
	Photo GR/BR	58	----------
	Trans 8	58	----------
	Polar GR/BR/GN	58	----------
1.53	Clear	45	52
	Trans 8	45	----------
1.60	Clear	42	52
	Trans 8	42	----------
	Polar GR/BR/GN	42	----------
1.67	Clear	32	64
	Trans 8	32	----------
	Polar GR/BR/GN	32	----------
1.74	Clear	32	73
	Trans 8	32	----------

TECHNOLOGIES
NOMINAL POWER

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end Office/ Computer Lens	Soft	All	Yes	No

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range	Degr.	Dept of Field
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm auto inset	15 mm	0.75 / 3.50 dpt	Auto	Variable (33 cm - 4 mt)

FlatMax

FlatMax is the exclusive Single Vision design provided by DURABON, enhanced by the disruptive combination of Dura SIZE 2.0 and DURA LENTICULARIZATION. Based on the WFRT Technology, it minimizes oblique errors to give clear vision on every gaze direction. Thanks to the special form of the surface, final lenses result thinner and lighter, even compared to traditional aspheric designs. Noticeable improvement will be noted by users with high prescriptions or in case of special frames, such as sport glasses, where higher base curves are needed. Personalization parameters, including user data and frame specifications, are required to achieve a compensated prescription and the maximum performance. Moreover, especially for high power lenses, a combination of DURA SIZE 2.0 and DURA LENTICULARIZATION technologies is added to reduce center and edge thickness with no impact on comfort and quality of vision.

ADVANCED PAL
OPTIMIZATION BY INDIVIDUAL
HABITS
IMMERSIVE VR EXPERIENCE

OPTIMIZATIONS

CREA LENTICULARIZATION
CREASIZE 2.0

TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Market Segment	Allowed Materials	Precalibration	Personalization	Prism Ref. Point (PRP)
High-end and slim single vision	All	Yes	Yes	Geometrical Center Allowed Range: 0 - 15 mm



Lens Index	Material	Abbe Value	Price
1.50	Clear	58	75
	Photo GR/BR	58	97
	Trans 8	58	119
	Polar GR/BR/GN	58	108
1.53	Clear	45	92
	Trans 8	45	138
1.60	Clear	42	89
	Trans 8	42	134
	Polar GR/BR/GN	42	114
1.67	Clear	32	112
	Trans 8	32	172
	Polar GR/BR/GN	32	138
1.74	Clear	32	122
	Trans 8	32	245



DriveMax

When you drive it is very important to have a wide and clear distance vision field especially to look on lateral mirrors and on the dashboard. COURIER design accomplishes this task providing a lens focused on far and intermediate vision. It is particularly suited for people who spend a lot of time driving and require a progressive lens with easy adaptation and reduced unwanted astigmatism and lateral distortion.

THE PROGRESSIVE LENS
DESIGN FOR ESOTROPIA
FOR CHILDREN

Lens Index	Material	Abbe Value	Price
1.50	Clear	58	98
	Photo GR/BR	58	128
	Trans 8	58	157
	Polar GR/BR/GN	58	140
1.53	Clear	45	120
	Trans 8	45	182
1.60	Clear	42	120
	Trans 8	42	182
	Polar GR/BR/GN	42	155
1.67	Clear	32	150
	Trans 8	32	230
	Polar GR/BR/GN	32	186
1.74	Clear	32	170
	Trans 8	32	334

TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
Driving Progressive	Hard	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm auto inset	18 mm	0.75 / 4.00 dpt

SlimMax

SlimMax is the innovative design introduced by DURABON in the market, enhanced by the disruptive combination of DURA SIZE 2.0 and DURA LENTICULARIZATION. This design provides the four technologies: AI (Artificial Intelligence) to satisfy design quality constraints and provide extreme clear vision and comfort; DNA PATCH CALCULATION that re-elaborates the visual parameters by adding an innovative patch based mathematical model; PUPYL OPENING TECHNOLOGY, that allows to support the mydriasis process ensuring natural and comfortable vision; MAX VOLUME that increases the visual field (in depth and width) perceived by the wearer. Moreover, especially for high power lenses, a combination of DURA SIZE 2.0 and DURA LENTICULARIZATION technologies is added to reduce center and edge thickness with no impact on comfort and quality of vision.

HIGH-END DESIGN
LOW THICKNESS
IDEAL FOR HIGH PLUS & MINUS PRESCRIPTIONS

TECHNOLOGIES

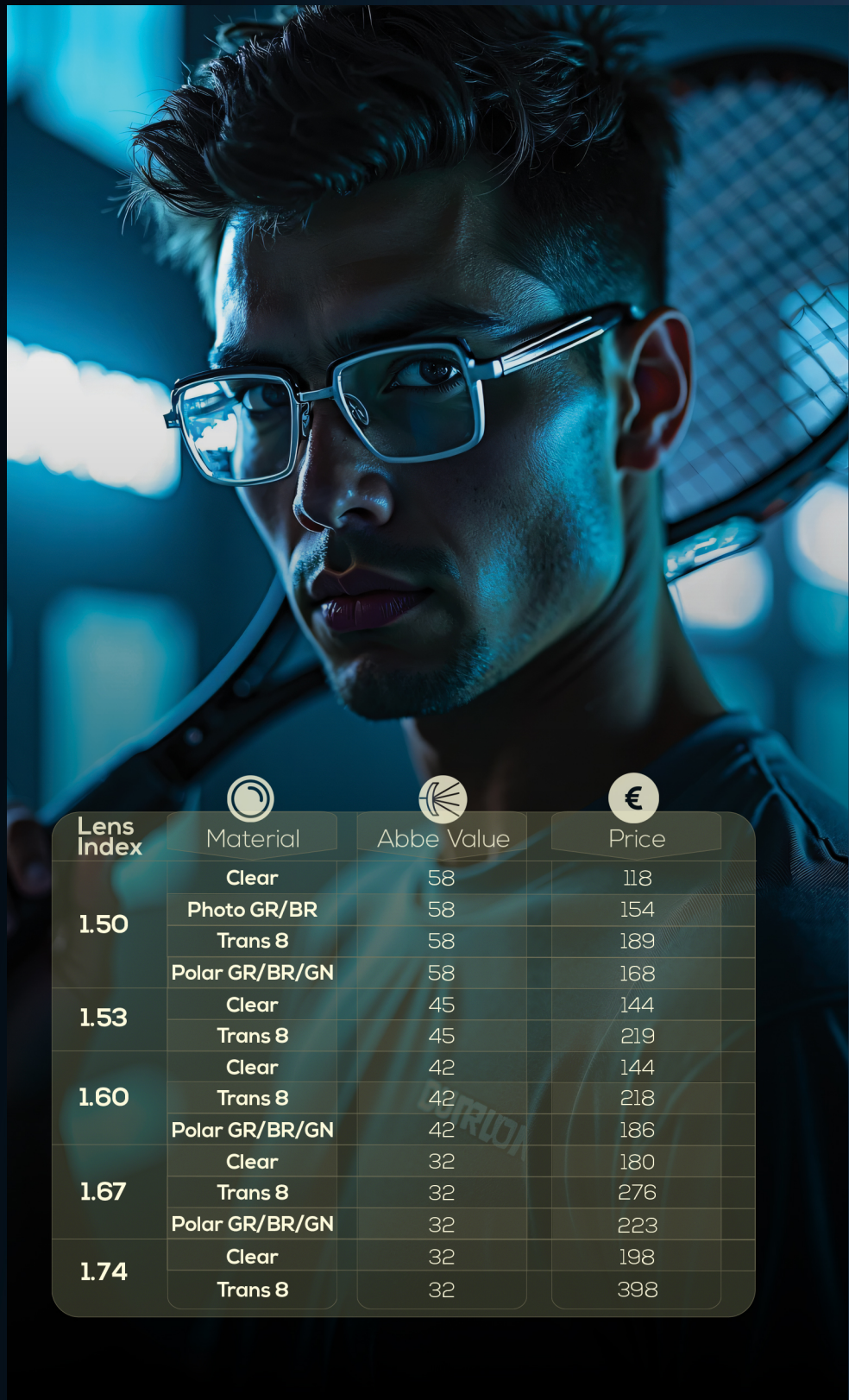
WFRT TECHNOLOGY

AI

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
High-end progressive	Adaptive	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Inset	Near Ref. Point (NRP)	Addition Range
Geometrical Center. Allowed Range 0 - 12 mm	+10 mm	+4 mm	0 - 4 mm smart inset	12 - 18 mm	0.75 / 4.50 dpt



Lens Index	Material	Abbe Value	Price
1.50	Clear	58	118
	Photo GR/BR	58	154
	Trans 8	58	189
	Polar GR/BR/GN	58	168
1.53	Clear	45	144
	Trans 8	45	219
1.60	Clear	42	144
	Trans 8	42	218
	Polar GR/BR/GN	42	186
1.67	Clear	32	180
	Trans 8	32	276
	Polar GR/BR/GN	32	223
1.74	Clear	32	198
	Trans 8	32	398



YoungMax

YoungMax is the first lens providing a very small accommodative support placed over the whole bottom part of the surface. It is suitable almost for everyone from 16 years old onwards and provides unprecedented relief while using digital devices such as smartphone and tablets. Practically, it has no corridor and does not require any adaption. Thanks to WFRT technology, the recalculated near power will be free of unwanted astigmatism and prismatic effects.

OFFICE PLUS DESIGN
PROVIDES EXACT DEGRESSION
FOR REQUIRED DEPTH
OF FIELD NEAR
AND INTERMEDIATE USE

Lens Index	Material	Abbe Value	Price
1.50	Clear	58	48
	Photo GR/BR	58	62
	Trans 8	58	----------
	Polar GR/BR/GN	58	68
1.53	Clear	45	58
	Trans 8	45	88
1.60	Clear	42	58
	Trans 8	42	----------
	Polar GR/BR/GN	42	76
1.67	Clear	32	73
	Trans 8	32	----------
	Polar GR/BR/GN	32	112
1.74	Clear	32	84
	Trans 8	32	----------

TECHNOLOGIES

WFRT TECHNOLOGY

DESIGN PARAMETERS

Market Segment	Type	Allowed Materials	Precalibration	Personalization
Small Accomodation	Power Boost Equipped Lens	All	Yes	Yes

Prism Ref. Point (PRP)	Distance Ref. Point (DRP)	Layout Reference Point (LRP)	Power Boost	Near Ref. Point (NRP)
Geometrical Center. Allowed Range 0 - 15 mm	Same as PRP	+ 4 mm	-	-


DURABON

DURABON

Value-Added Services	Cost
Duramax Blu Coating	5
Duramax AR Coating	FREE
Knife Edging	
Lenticular	
Prism up to 6	2
Rrism up to +6	3
Tint	3
Mirror Coating	6



AI+Freeform Technology

Revolutionizing Optics with AI and Freeform Technology

Embrace the future of optics with our AI-driven
Freeform technology and experience a new era of optical excellence