

OUR COMMITMENT: OPTIMUM VISION FOR EVERY DEMAND.

The three Rodenstock lens categories reflect precisely these demands.

house-of-better-vision.com

RODENSTOCK
PERFECTION

RODENSTOCK
EXCELLENCE

RODENSTOCK
SUPERIOR



RODENSTOCK
See better. Look perfect.

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THE RODENSTOCK LENS PORTFOLIO.

Since 1877, we have been pursuing a single goal: better vision. In doing so, we always make sure that we meet all requirements of spectacle wearers. To easily meet the demands and select the right lens, we divided our portfolio in three categories: “Rodenstock Superior”, “Rodenstock Excellence” and “Rodenstock Perfection”.

EVERY PERSON IS DIFFERENT – JUST LIKE THE DEMANDS THEY MAKE ON THEIR VISION.

RODENSTOCK SUPERIOR

For the quality conscious:

Customers who attach value to better vision and reliable quality.

Spectacle wearers who are looking for a branded product at good value for their money.

RODENSTOCK EXCELLENCE

For the discerning:

Customers who want a clear improvement of visual quality and visual comfort.

Spectacle wearers who are looking for excellent product performance at excellent value for money.

Customers for whom reliable brand quality is a top priority.

RODENSTOCK PERFECTION

For the perfectionist:

Customers who are only satisfied with the very best and make extremely high demands on the quality of their spectacles.

Customers for whom the purchase decision is based on a desire for better vision, without compromise.

Spectacle wearers who want the most innovative and effective product on the market.

AT RODENSTOCK, EVERY CUSTOMER FINDS THE PERFECT LENS TO MEET THEIR DEMANDS.



Reliable brand quality.

- Good value for their money
- Peace of mind from a well-known brand
- Highly advanced lenses, tried and tested a million times



Outstanding vision comfort.

- Clear improvement of the visual quality
- Spontaneous visual well-being and excellent spatial perception



Individuality without compromising.

- Security of having the best Rodenstock product for the very highest demands
- Pin-sharp vision at all distances and in all lighting conditions
- Considers individual vision demands

RODENSTOCK PORTFOLIO – THE IDEAL LENS FOR EVERYONE.

Three paths lead to the unique Rodenstock vision experience: Rodenstock Superior, Rodenstock Excellence and Rodenstock Perfection. The demands of your customers alone determine which path to recommend. There is one thing we can always guarantee here: 100% Rodenstock brand quality.

	RODENSTOCK SUPERIOR	RODENSTOCK EXCELLENCE	RODENSTOCK PERFECTION
Progressive lenses	PROGRESSIV SI® 2 PROGRESSIV PureLife Free® PROGRESSIV Life Free®	MULTIGRESSIV MyView® 2	IMPRESSION® 2 IMPRESSION® FashionCurved 2
Near vision comfort lenses	PROGRESSIV® Ergo 2	MULTIGRESSIV® Ergo 2	IMPRESSION® Ergo 2
Single Vision lenses	PERFALIT FREE	MULTIGRESSIV® Mono 2	IMPRESSION® Mono 2
	3D IQ RFP	3D IQ RFP EyeLT	3D IQ RFP EyeLT

For the quality conscious: Customers who attach value to better vision and reliable quality. Spectacle wearers who are looking for a branded product at good value for money.

For the discerning: Customers who want a clear improvement of visual quality and visual comfort. Spectacle wearers who are looking for excellent product performance at excellent value for their money. Customers for whom reliable brand quality is a top priority.

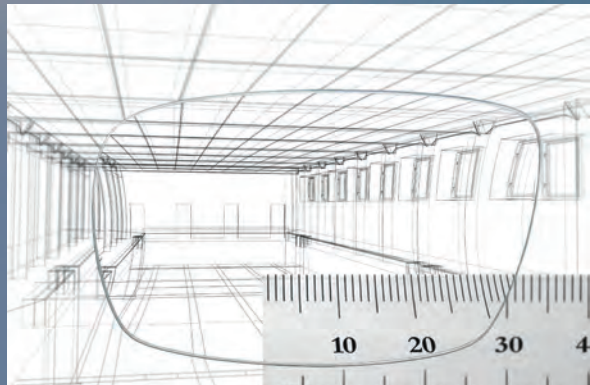
For the perfectionist: Customers who are only satisfied with the very best and make extremely high demands on the quality of their spectacles. Customers for whom the purchase decision is based on a desire for better vision, without compromise. Spectacle wearers who want the most innovative and effective product on the market.

Multigressiv® Mono 2.

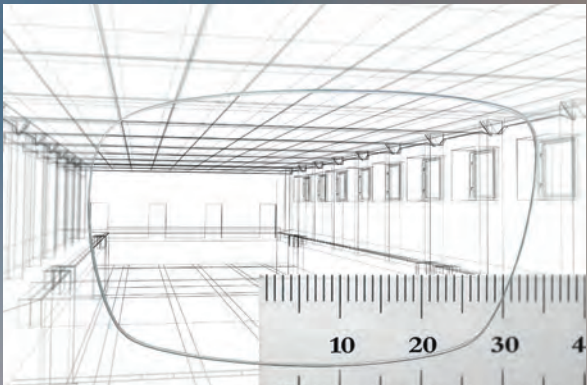
Thin, light, and sharp right to the edge.

Thanks to the unique Rodenstock Eye Lens Technology, which has been patented by Rodenstock you will get excellent vision quality and comfort. It comes now in the new Rodenstock Multigressiv® Mono 2 lenses. You will see sharper and more naturally than with any conventional lens - up to the edge of the lens. Special grinding makes the lenses very thin and light. That way they provide outstanding wearing comfort and perfect aesthetics.

- BENEFITS:**
- Best imaging results also in the periphery of the lens through the patented Eye Lens Technology
 - Clear improvement of the visual quality
 - Spontaneous visual well-being and excellent spatial perception
 - Ideal looks and best possible aesthetics thanks to very thin lenses
 - Highest purity and clarity of the lenses through Homogenius Technology
 - Including UV protection against premature skin aging in the sensitive eye area



Conventional lens — distorted image at the edge of the lens.



Multigressiv® Mono 2 — clear vision right to the edge of the lens.

THE FIRST MULTI-ASPHERIC SINGLE-VISION LENS WITH EYE LENS TECHNOLOGY FEATURES:

- EyeLT EyeModel
- Individual power optimisation
- Finely stepped base curve system for aesthetically perfect fit
- Retina Focus Principle
- 3D FreeForm Technology

LENS DATA:

Multigressiv® Mono 2	
Brand engraving	R
Functional engraving	○
Additional engraving	-/2
Base Curve/Index	under functional engraving nasal
Necessary order parameters	
Refraction data	far value
Optional order parameters/product data	
Frame-/Centering data	√
Pupillary Distance	20-40 mm
Base Curve	√
Supplementary Information	
<ul style="list-style-type: none">• Note: Order values are printed on the envelope• Adaptation towards the postulation of the eye's centre of rotation• Recommended glazing height for Multigressiv Mono Plus ≥ 14mm	

TECHNICAL DETAILS	Ranges from	Ranges to	cyl
Multigressiv® Mono 2 1.74	-10.00	+8.00	+4.00
Multigressiv® Mono 2 1.67	-10.00	+8.00	+4.00
Multigressiv® Mono 2 1.67 ColorMatic IQ	-10.00	+8.00	+4.00
Multigressiv® Mono 2 1.60	-10.00	+8.00	+4.00
Multigressiv® Mono 2 1.60 ColorMatic IQ	-10.00	+8.00	+4.00
Multigressiv® Mono 2 Polycarbonate	-10.00	+8.00	+4.00
Multigressiv® Mono 2 1.54 ColorMatic IQ	-8.00	+6.00	+4.00
Multigressiv® Mono 2 Trivex 1.53	-8.00	+6.00	+4.00
Multigressiv® Mono 2 Polarized 1.50	-8.00	+6.00	+4.00
Multigressiv® Mono 2 1.50	-8.00	+6.00	+4.00

All ranges shown have a max diameter of 75mm. Deviation causes a change of +/- 2.00 D.

MATERIAL FACTS	Refractive index n _e	Abbè No. v _e	Density p (g/cm²)	100% UV protection up to*	Tints
1.74	1.737	32.5	1.47	380 nm	
1.67 CM IQ	1.668	31.4	1.37	400 nm	Gray, Brown 8 - 85%
1.67	1.668	31.4	1.37	400 nm	√
1.60 CM IQ	1.597	40.5	1.30	400 nm	Gray, Brown, Green 8 - 85%
1.60 CM IQ SUN	1.597	40.5	1.30	400 nm	Gray, Brown, Contrast Brown 8 - 85%
1.60	1.597	40.5	1.30	400 nm	√
1.59 Polycarbonate	1.586	31	1.20	400 nm	√
1.54 CM IQ	1.536	43.3	1.21	400 nm	Gray, Brown 5 - 85%
1.50	1.502	58.2	1.32	350 nm	√

*Data as per DIN EN ISO for an untreated lens without any coating

EyeLT

RFP

IQ

3D

Impression® Mono 2.

The awarded individual single vision lens.

RODENSTOCK
PERFECTION

With Impression® Mono 2 your customer gets the security of having the best Rodenstock single vision lens for the very highest demands. Impression® Mono won the prestigious Silmo d’or award in 2006 for the best lens and is even better today! From now on it offers even more pin-sharp vision at all distances in poor light condition thanks to the pupil-optimized correction.

- BENEFITS:**
- Perfect vision in any prescription
 - Pin-sharp vision at all distances and in all lighting conditions
 - Improved contrast visions, even in twilight or darkness
 - Immediate comfort and acceptance as every lens is surfaced individually
 - Sharp vision also for high ametropias
 - Best aesthetics due to extremely light lenses

- THE BENCHMARK FOR INDIVIDUALITY AND VISION COMFORT FEATURES:**
- Pupil-optimized correction
 - EyeLT EyeModel
 - The most exact inclusion of individual parameters
 - Individual power optimisation
 - Finely stepped base curve system for aesthetically perfect fit and very high imaging quality even with high Face Form Angle
 - Retina Focus Principle
 - 3D FreeForm Technology



Standard single vision lens



Perfect vision with Impression® Mono 2



Impression® Mono 2	
Brand engraving	R
Functional engraving	∞
Additional engraving	- / 2
Base Curve/Index	under functional engraving nasal
Necessary order parameters	
Refraction data	far value
Pupillary Distance	20 - 40 mm
Corneal Vertex Distance	5 - 30 mm
Face Form Angle	-5° - 15°
Optional order parameters/product data	
Frame-/Centering data	√
Base Curve	√
Supplementary Information	
<ul style="list-style-type: none">• Note: Order values are printed on the envelope• Adaptation towards the postulation of the eye's centre of rotation• Recommended glazing height for Impression Mono Plus 2 ≥ 14mm	

TECHNICAL DETAILS	Ranges from	Ranges to	cyl
Impression® Mono 2 1.74	-10.00	+8.00	+4.00
Impression® Mono 2 1.67	-10.00	+8.00	+4.00
Impression® Mono 2 1.67 ColorMatic IQ	-10.00	+8.00	+4.00
Impression® Mono 2 1.60	-10.00	+8.00	+4.00
Impression® Mono 2 1.60 ColorMatic IQ	-10.00	+8.00	+4.00
Impression® Mono 2 1.60 ColorMatic IQ SUN	-8.00	+6.00	+4.00
Impression® Mono 2 Polycarbonate	-8.00	+6.00	+4.00
Impression® Mono 2 1.54 ColorMatic IQ	-8.00	+6.00	+4.00
Impression® Mono 2 1.50	-8.00	+6.00	+4.00

All ranges shown have a max diameter of 75mm. Deviation causes a change of +/- 2.00 D.

MATERIAL FACTS	Refractive index n _e	Abbè No. v _e	Density p (g/cm²)	100% UV protection up to*	Tints
1.74	1.737	32.5	1.47	380 nm	
1.67 CM IQ	1.668	31.4	1.37	400 nm	Gray, Brown 8 - 85%
1.67	1.668	31.4	1.37	400 nm	√
1.60 CM IQ	1.597	40.5	1.30	400 nm	Gray, Brown, Green 8 - 85%
1.60 CM IQ SUN	1.597	40.5	1.30	400 nm	Gray, Brown, Contrast Brown 8 - 85%
1.60	1.597	40.5	1.30	400 nm	√
1.59 Polycarbonate	1.586	31	1.20	400 nm	√
1.54 CM IQ	1.536	43.3	1.21	400 nm	Gray, Brown 5 - 85%
1.50	1.502	58.2	1.32	350 nm	√


*Data as per DIN EN ISO for an untreated lens without any coating



Multigressiv Ergo® 2.

The tailored near comfort lens.

RODENSTOCK
EXCELLENCE



Multigressiv Ergo® 2 is the optimized near vision comfort lens of the Ergo® family. Multigressiv Ergo® 2 is only calculated online after receipt of the order while taking account of the refraction data and of the customer's individual PD. Your customer thus receives the largest possible vision zones independently of the refraction data.

- FEATURES:**
- EyeModel
 - Individual PD
 - Individual prescription optimisation
 - Finely stepped base curve system for aesthetically perfect fit
 - Retina Focus Principle
 - 3D FreeForm Technology

EyeModel: Research on highest level for up to 25% percent better vision in the near and intermediate zone.

The consideration of the natural eye movements (Listing's law) results in different cylinder axis for far and near vision. With the perfect adaptation of the cylinder lens to the natural eye movements Rodenstock achieves a sharp imaging and larger vision fields.



With EyeLT EyeModel



Standard near vision lens

Ideal vision in the near and reading zones has become more and more important in the present era of digital progress. Not only in the job also at home we check our e-mails on the tablet, read our books on e-readers or surf the net from the sofa. Relax your eyes and boost your productivity with Impression Ergo® 2 lenses, wherever you are.

- BENEFITS:**
- Relaxed head and body posture through ergonomically positioned near vision zones
 - Up to 25% better vision in the near and intermediate zones
 - Spontaneous feeling of well-being and exceptional compatibility through ideally balanced vision zones

Everyone makes different demands on vision at the near and reading zones. The three design types Ergo® Book, Ergo® PC and Ergo® Room offer you the ideal near comfort lens for every area of work.



Ergo® BOOK

For comfortable, fatigue-free reading and working in the near zone up to at least **35 inches**, great for:

- Occupations such as proof reader, goldsmith, watchmaker or dental engineer



Ergo® PC

For an ergonomically correct head and body posture when working with a computer thanks to sharp vision up to at least

47 inches, great for:

- Occupations such as graphic designer, cosmetician, software developer, chef or call-center worker



Ergo® ROOM

For relaxed stress-free vision up to a room distance of just over **16 feet**, great for:

- Occupations such as conductor, architect, shop/office assistant or lawyer

LENS DATA:

Multigressiv Ergo® 2	Book	PC	Room
Brand engraving	<i>R</i>	<i>R</i>	<i>R</i>
Functional engraving	○	○	○
Additional engraving (temporal)	B / 2	P / 2	R / 2
Degression	depending on the addition		
Minimal glazing height	16 mm	20 mm	20 mm
Minimal lens height	22 mm	26 mm	24 mm
Recommended lens height	26 mm	30 mm	28 mm

Necessary order parameters

Refraction date far value and addition

Optional order parameters/product data

Frame-/Centering data	✓	✓	✓
Base Curve	✓	✓	✓
Pupillary Distance	20 - 40 mm		

Supplementary Information

- For all lenses with Position of wear: order values are printed on the envelope
- Adaptation: straight forward position with a habitual head and body position

TECHNICAL DETAILS	Ranges from	Ranges to	cyl	Addition
Multigressiv Ergo® 2 1.67 Room/Book/PC	-10.00	+8.00	+4.00	0.75-3.50
Multigressiv Ergo® 2 1.60 Room/Book/PC	-10.00	+8.00	+4.00	0.75-3.50
Multigressiv Ergo® 2 1.50 Room/Book/PC	-8.00	+6.00	+4.00	0.75-3.50

All ranges show at a diameter of max. 75 mm. Deviation causes a change of +/- 2 D.

MATERIAL FACTS	Refractive index n _e	Abbè No., v _e	Density p (g/cm ²)	100% UV protection up to*	Tints
1.67	1.668	31.4	1.37	400 nm	✓
1.60	1.597	40.5	1.30	400 nm	✓
1.50	1.502	58.2	1.32	350 nm	✓

*Data as per DIN EN ISO for an untreated lens without any coating

Progressiv SI® 2.

Brand quality for everyone.

With Progressiv SI® 2 you can rely on proven quality from Rodenstock. With over 136 years of experience, Rodenstock offers with Progressiv SI® 2 a perfectly balanced lens in the progressive entry segment.

- Next generation of the millionfold proven Progressiv SI® design – now in freeform technology.
- Attractive progressive starter lens with a great price-performance ratio.
- Large far vision zone – similar to the former Progressiv SI® design focus.
- Easy ordering – refraction data only, no additional measurements necessary.

BENEFITS:







- Brilliant, clear vision from far to near due to large vision zones
- Very good spontaneous compatibility
- Fatigue-free reading
- Security of a proven premium brand – engineered in Germany

Features:

- Freeform technology - front surface spherical, back surface aspherical / atoric
- Retina Focus Principle
- Finely stepped base curve system for an aesthetically perfect fit
- Variable, power-dependent inset
- Available in two prog. corridor lengths (long / short)



LENS DATA:

Progressiv SI® 2	Progressiv SI® 2 L	Progressiv SI® 2 XS		
Brand engraving				
Functional engraving				
Additional engraving	L	XS		
Progression zone length	18 mm	14 mm		
Glazing height	20 mm	16 mm		
Total height	28 mm	24 mm		
Base Curve/Index	position: nasal, under functional engraving			
Addition	position: temporal, under functional engraving			
Necessary order parameters				
Refraction data	far value and addition			
Optional order parameters/product data				
Frame-/Centering data				
Supplementary Information				
<ul style="list-style-type: none">• For all lenses with Position of Wear: note order values and real values at the envelope• Adaptation: straight forward position with a habitual head and body position				
TECHNICAL DETAILS	Ranges from	Ranges to	cyl	Addition
Progressiv SI 1.6 S/L	-10.00	+8.00	+4.00	0.75-3.50
Progressiv SI 1.6 ColorMatic IQ SUN S/L	-10.00	+8.00	+4.00	0.75-3.50
Progressiv SI 1.6 ColorMatic IQ S/L	-10.00	+8.00	+4.00	0.75-3.50
Progressiv SI 1.54 ColorMatic IQ S/L	-8.00	+6.00	+4.00	0.75-3.50
Progressiv SI Polycarbonate S/L	-8.00	+6.00	+4.00	0.75-3.50
Progressiv SI 1.50 S/L	-8.00	+6.00	+4.00	0.75-3.50

All ranges shown have a max diameter of 75mm. Deviation causes a change of +/- 2.00 D.

MATERIAL FACTS	Refractive index n _e	Abbè No., v _e	Density p (g/cm²)	100% UV protection up to*	Tints
1.60 CM IQ	1.597	40.5	1.30	400 nm	Gray, Brown, Green 8 - 85%
1.60 CM IQ SUN	1.597	40.5	1.30	400 nm	Gray, Brown, Contrast Brown 8 - 85%
1.60	1.597	40.5	1.30	400 nm	✓
1.59 Polycarbonate	1.586	31	1.20	400 nm	✓
1.54 CM IQ	1.540	43.0	1.19	400 nm	Gray, Brown 5-85%
1.50	1.502	58.2	1.32	350 nm	✓

*Data as per DIN EN ISO for an untreated lens without any coating



Progressiv Life Free®.

Get started with better vision.

Rodenstock Progressiv Life Free® is the true progressive lens for starters who want to rely on brand quality.

BENEFITS:

- Fatigue-free and high-contrast vision through the Retina Focus Principle
- Balanced visual areas for very good compatibility
- Short adaptation time
- High aesthetics: Consistent reflection over the whole surface due to spherical front surface

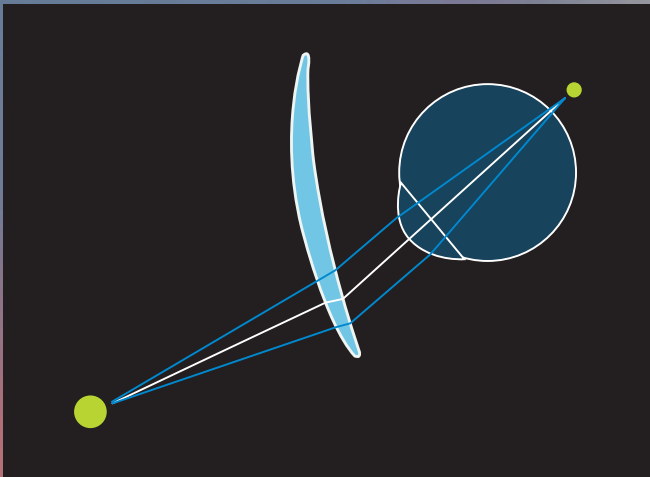
FEATURES:

- Optimized branded progressive lens produced using 3D FreeForm Technology according to the Retina Focus Principle
- Wavefront-optimized, takes higher-order aberrations of the lens and Listing's law into consideration
- Optimized inset, adjusted to the respective addition and base curve
- Wide product range and available materials

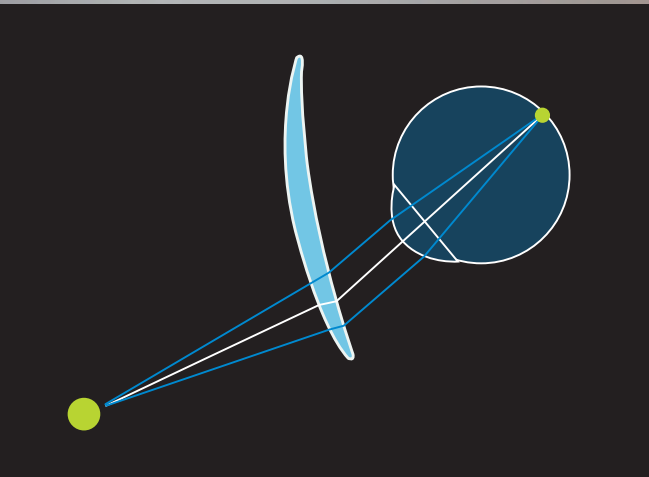
RETINA FOCUS PRINCIPLE.

With the Retina Focus Principle, an imaging true to refraction on the retina is ensured. By taking the real situation in wear into account, the spectacle wearer is provided with the exact prescription needed for vision at near with Rodenstock progressive lenses.

Without Retina-Focus-Principle



With Retina-Focus-Principle



RODENSTOCK
SUPERIOR

LENS DATA:

Progressiv Life Free®	Progressiv Life Free® L	Progressiv Life Free® M	Progressiv Life Free® XS
Brand engraving	R	R	R
Functional engraving	○	○	○
Additional engraving	LL	LM	LX
Progression zone length	18 mm	16 mm	14 mm
Glazing height	20 mm	18 mm	16 mm
Total height	28 mm	26 mm	24 mm
Base Curve/Index	under functional engraving nasal		
Addition	under functional engraving temporal		

Necessary order parameters

Refraction data	far value and additon
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Optional order parameters/product data

Frame-/Centering data	✓	✓	✓
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Supplementary Information

- For all lenses with Position of Wear: order values are printed on the envelope
- Adaptation: straight forward position with a habitual head and body position

TECHNICAL DETAILS	Ranges from	Ranges to	cyl	Addition
Progressiv Life Free® 1.74	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Life Free® 1.67 ColorMatic IQ	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Life Free® 1.67	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Life Free® 1.60 ColorMatic IQ	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Life Free® 1.60 ColorMatic IQ SUN	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Life Free® 1.60	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Life Free® 1.54 ColorMatic IQ	-8.00	+6.00	+4.00	0.75-3.50
Progressiv Life Free® 1.50	-8.00	+6.00	+4.00	0.75-3.50

All ranges show at a diameter of max. 70 mm. Deviation causes a change of +/- 2 D.

MATERIAL FACTS	Refractive index n _e	Abbè No., v _e	Density p (g/cm²)	100% UV protection up to*	Tints
1.74	1.737	32.5	1.47	380 nm	
1.67 CM IQ	1.668	31.4	1.37	400 nm	Gray, Brown 8-85%
1.67	1.668	31.4	1.37	400 nm	✓
1.60 CM IQ	1.597	40.5	1.30	400 nm	Gray, Brown, Green 8 - 85%
1.60 CM IQ SUN	1.597	40.5	1.30	400 nm	Gray, Brown, Contrast Brown 8 - 85%
1.60	1.597	40.5	1.30	400 nm	✓
1.54 CM IQ	1.540	43.0	1.19	400 nm	Gray, Brown 5-85%
1.50	1.502	58.2	1.32	350 nm	✓

*Data as per DIN EN ISO for an untreated lens without any coating

3D RFP IQ

Progressiv PureLife Free®.

For every aspect of modern life.

Rodenstock Progressiv Life Free® is the true progressive lens for starters who want to rely on brand quality.

BENEFITS:

- Excellent visual performance at all spherical powers
- Fatigue-free, clear vision from distance to near, very high reading performance thanks to the Retina Focus principle
- Peace of mind from a well-known brand
- Highly advanced lenses, tried and tested a million times
- Balanced visual areas for very good compatibility
- Short adaptation time
- High aesthetics: Consistent reflection over the whole surface due to spherical front surface

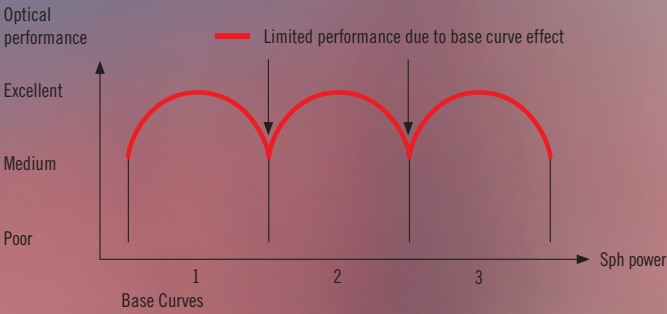
FEATURES:

- Variable, power-dependent inset
- Eliminates zero base curve effect
- Finely stepped base curve system for aesthetically perfect fit
- Retina Focus Principle
- Optimized branded progressive lens produced using 3D FreeForm Technology according to the Retina Focus Principle
- Wide product range and available materials

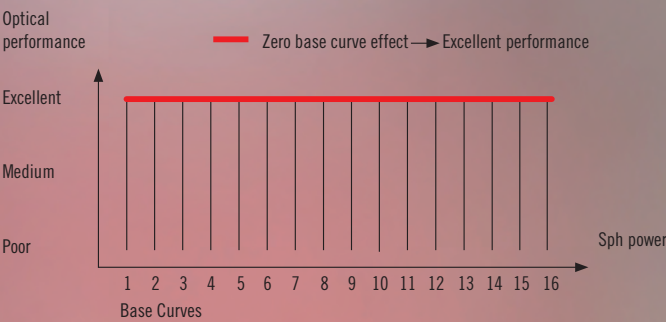
ZERO BASE CURVE EFFECT.

In comparison to other lenses in the branded entry segment or conventional lenses, Rodenstock Progressive PureLife Free® eliminates the base curve effect through spherical optimization. Thus every spherical prescription results in optimum optical performance for 100% satisfied customers.

Conventional / Standard



Progressiv PureLife Free®



LENS DATA:

Progressiv Pure Life Free®	Progressiv Pure Life Free® L	Progressiv Pure Life Free® M	Progressiv Pure Life Free® XS
Brand engraving	R	R	R
Functional engraving	○	○	○
Additional engraving	PL	PM	PX
Progression zone length	18 mm	16 mm	14 mm
Glazing height	20 mm	18 mm	16 mm
Total height	28 mm	26 mm	24 mm
Base Curve/Index	under functional engraving nasal		
Addition	under functional engraving temporal		

Necessary order parameters

Refraction data	far value and additon
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Optional order parameters/product data

Frame-/Centering data	✓	✓	✓
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Supplementary Information

- For all lenses with Position of Wear: order values are printed on the envelope
- Adaptation: straight forward position with a habitual head and body position

TECHNICAL DETAILS:	Ranges from	Ranges to	cyl	Addition
Progressiv Pure Life Free® 1.74	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Pure Life Free® 1.67 ColorMatic IQ	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Pure Life Free® 1.67	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Pure Life Free® 1.60 ColorMatic IQ SUN	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Pure Life Free® 1.60 ColorMatic IQ	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Pure Life Free® 1.60	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Pure Life Free® Polycarbonate	-10.00	+8.00	+4.00	0.75-3.50
Progressiv Pure Life Free® 1.54 ColorMatic IQ	-8.00	+6.00	+4.00	0.75-3.50
Progressiv Pure Life Free® Trivex 1.53	-8.00	+6.00	+4.00	0.75-3.50
Progressiv Pure Life Free® Polarized 1.50	-8.00	+6.00	+4.00	0.75-3.50
Progressiv Pure Life Free® 1.50	-8.00	+6.00	+4.00	0.75-3.50

All ranges show at a diameter of max. 70 mm. Deviation causes a change of +/- 2 D.

MATERIAL FACTS:	Refractive index n _e	Abbè No., v _e	Density p (g/cm ²)	100% UV protection up to*	Tints
1.74	1.737	32.5	1.47	380 nm	
1.67 CM IQ	1.668	31.4	1.37	400 nm	Gray, Brown 8-85%
1.67	1.668	31.4	1.37	400 nm	✓
1.60 CM IQ	1.597	40.5	1.30	400 nm	Gray, Brown, Green 8 - 85%
1.60 CM IQ SUN	1.597	40.5	1.30	400 nm	Gray, Brown, Contrast Brown 8 - 85%
1.60	1.597	40.5	1.30	400 nm	✓
1.59 Polycarbonate	1.586	31	1.20	400 nm	✓
1.54 CM IQ	1.540	43.0	1.19	400 nm	Gray, Brown 5-85%
1.53 Trivex	1.530	45.0	1.11	400 nm	✓
1.50	1.502	58.2	1.32	350 nm	✓

*Data as per DIN EN ISO for an untreated lens without any coating

Multigressiv MyView® 2.

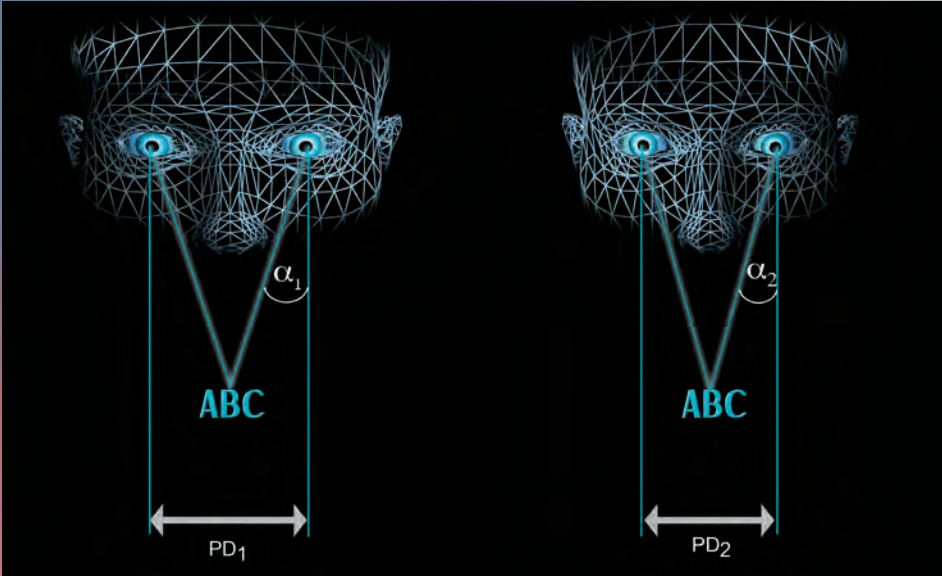
The tailor made progressive lens for natural vision.

Rodenstock Multigressiv MyView® 2 is custom-made for better vision and outstanding visual comfort. It offers better vision in near and intermediate zones thanks to individual pupillary distance. These unique customizations can only be done by Rodenstock.

- BENEFITS:**
- Significant improvement of the vision quality
 - Spontaneous feeling of wellbeing and a brilliant spatial perception
 - Up to 25% better vision in the near and intermediate distances, thanks to the EyeLT EyeModel

- FEATURES:**
- Free, PD-optimized inset
 - Perfect position for near and intermediate distances
 - Harmonized near vision
 - Ideal binocular overlapping of the field of vision in near and intermediate zones

PD OPTIMIZED INSET:
PD-optimized inset for maximum binocular vision zones offers the user even better vision in near and intermediate zones thanks to individual PD. The unique customization can only be done by Rodenstock.



The convergence effort for near vision is directly dependent on one’s individual pupil distance. If desired, the Multigressiv MyView® 2 can be customized by specifying the pupillary distance.



LENS DATA:

Multigressiv MyView® 2	Multigressiv MyView® 2 L	Multigressiv MyView® 2 M	Multigressiv MyView® 2 XS		
Brand engraving	R	R	R		
Functional engraving	○	○	○		
Additional engraving	2 L	2 M	2 X		
Progression zone length	18 mm	16 mm	14 mm		
Glazing height	20 mm	18 mm	16 mm		
Total height	28 mm	26 mm	24 mm		
Base Curve/Index	position: nasal, under functional engraving				
Addition	position: temporal, under functional engraving				
Necessary order parameters					
Refraction data	far value and additon				
Optional order parameters/product data					
Frame-/Centering data	✓	✓	✓		
Base Curve	✓	✓	✓		
Pupillary Distance	20-40 mm				
Technical details					
<ul style="list-style-type: none">• For all lenses with Position of Wear: order values are printed on the envelope• Adaptation: straight forward position with a habitual head and body position					
TECHNICAL DETAILS	Ranges from	Ranges to	cyl	Addition	
Multigressiv MyView® 2 1.74	-10.00	+8.00	+4.00	0.75-3.50	
Multigressiv MyView® 2 1.67	-10.00	+8.00	+4.00	0.75-3.50	
Multigressiv MyView® 2 1.67 ColorMatic IQ	-10.00	+8.00	+4.00	0.75-3.50	
Multigressiv MyView® 2 1.60	-10.00	+8.00	+4.00	0.75-3.50	
Multigressiv MyView® 2 1.60 ColorMatic IQ SUN	-10.00	+8.00	+4.00	0.75-3.50	
Multigressiv MyView® 2 1.60 ColorMatic IQ	-10.00	+8.00	+4.00	0.75-3.50	
Multigressiv MyView® 2 Polycarbonate	-10.00	+8.00	+4.00	0.75-3.50	
Multigressiv MyView® 2 1.54 ColorMatic IQ	-8.00	+6.00	+4.00	0.75-3.50	
Multigressiv MyView® 2 Polarized 1.50	-8.00	+6.00	+4.00	0.75-3.50	
Multigressiv MyView® 2 1.50	-8.00	+6.00	+4.00	0.75-3.50	
All ranges show at a diameter of max. 75 mm. Deviation causes a change of +/- 2 D.					
MATERIAL FACTS	Refractive index n _e	Abbè No., v _e	Density p (g/cm²)	100% UV protection up to*	Tints
1.74	1.737	32.5	1.47	380 nm	
1.67 CM IQ	1.668	31.4	1.37	400 nm	Gray, Brown 8 - 85%
1.67	1.668	31.4	1.37	400 nm	✓
1.60 CM IQ	1.597	40.5	1.30	400 nm	Brown, Green, Gray 8 - 85%
1.60	1.597	40.5	1.30	400 nm	✓
1.54 CM IQ	1.540	43.0	1.19	400 nm	Gray, Brown 5 - 85%
1.50	1.502	58.2	1.32	350 nm	✓
*Data as per DIN EN ISO for an untreated lens without any coating					
EyeLT 3D Eye RFP IQ					

Impression® 2.

The future of better vision.



From now on, you can surprise your customers with yet another Rodenstock innovation: Impression® 2 lenses with pupil-optimized correction. Thanks to their additional consideration of spherical aberration, these give your customers pin-sharp vision at all distances. They will experience especially better scotopic and mesopic vision.

BENEFITS:

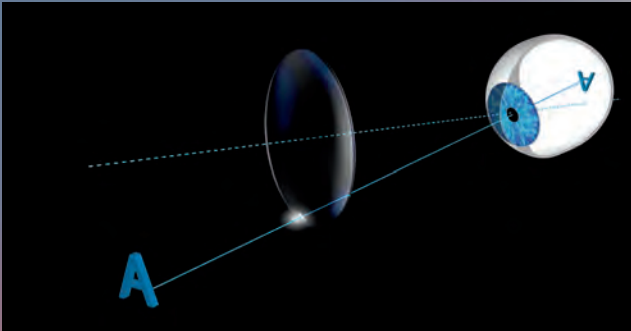
- Improved contrast vision in all lighting conditions
- Individuality without compromising taking all individual parameters into account
- Optimized correction values for near and far range for pin-sharp vision at all distances
- Security of having a branded product for highest demands on vision

FEATURES:

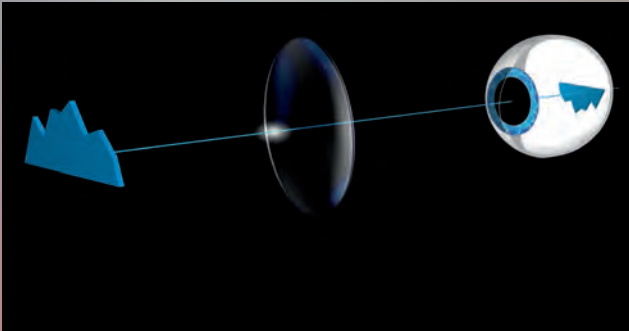
- Pupil-optimized correction offers an improved product, with no additional measurement necessary
- EyeLT EyeModel
- The most exact inclusion of individual parameters
- Individually optimized inset for maximum binocular near vision zones
- Individual power optimisation
- Finely stepped base curve system for aesthetically perfect fit
- Retina Focus Principle
- 3D FreeForm Technology

Pupil-optimized correction.

This pin-sharp vision at every light condition can be achieved by the pupil-optimized correction. The pupil size depends on the incoming light, the distance of the object and age. Only once the pupil size and dependencies are taken into consideration can the negative influence of spherical aberration on vision be minimized in every single point of the lens, and pin-sharp vision be achieved at all distances, even in twilight or dark. This can now be achieved with Impression® 2 lenses.



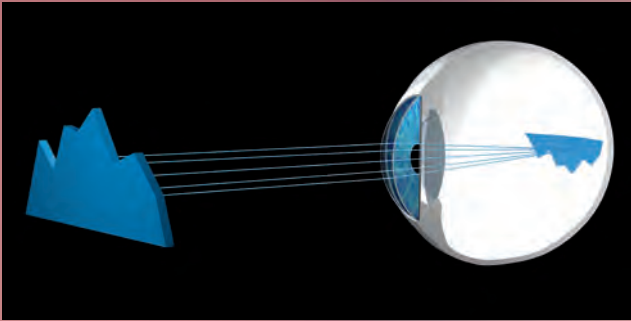
Pin-sharp vision at near distances and small pupils.



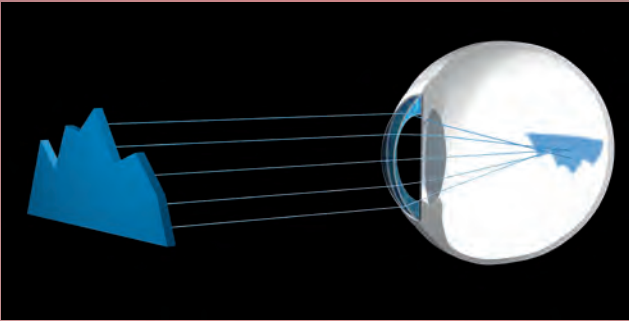
Pin-sharp vision at far distances and large pupils.

Spherical aberration of the eye.

On small pupils, rays of light are refracted in such a way that they intersect on the retina and create a clear image. On large pupils, however, rays of light that hit the pupil on the edge are refracted differently to those that run through the centre of the pupil. The result is unclear imaging on the retina. Impression® 2 optimizes this result in the calculation.



Small pupil: the rays intersect on the retina – clear imaging.



Large pupil: the peripheral rays intersect in front of the retina – unclear imaging.

LENS DATA:

Impression® 2	Impression® 2 L	Impression® 2 M	Impression® 2 XS
Brand engraving	R	R	R
Functional engraving	∞	∞	∞
Additional engraving	2 L	2 M	2 X
Progression zone length	18 mm	16 mm	14 mm
Glazing height	20 mm	18 mm	16 mm
Total height	28 mm	26 mm	24 mm
Base Curve/Index	under functional engraving nasal		
Addition	under functional engraving temporal		
Necessary order parameters			
Refraction data	far value and addition		
Pupillary Distance	20-40 mm		
Cornea Vertex Distance	5-30 mm		
Face Form Angle	-5°- 15°		
Pantoscopic Tilt	-5°- 20°		
Frame-/Centering data	✓		
Optional order parameters/product data			
Frame-/Centering data	✓	✓	✓
Inset	✓	✓	✓
Individual predecentration	up to 5 mm		
Supplementary Information			
• For all lenses with Position of Wear: order values are printed on the envelope			
• Adaptation: straight forward position with a habitual head and body position			

TECHNICAL DETAILS	Ranges from	Ranges to	cyl	Addition
Impression® 2 1.74	-10.00	+6.00	+4.00	0.75-3.50
Impression® 2 1.67	-10.00	+6.00	+4.00	0.75-3.50
Impression® 2 1.67 ColorMatic IQ	-10.00	+6.00	+4.00	0.75-3.50
Impression® 2 1.60	-10.00	+6.00	+4.00	0.75-3.50
Impression® 2 1.60 ColorMatic IQ SUN	-10.00	+6.00	+4.00	0.75-3.50
Impression® 2 1.60 ColorMatic IQ	-10.00	+6.00	+4.00	0.75-3.50
Impression® 2 Polycarbonate	-10.00	+6.00	+4.00	0.75-3.50
Impression® 2 1.54 ColorMatic IQ	-8.00	+6.00	+4.00	0.75-3.50
Impression® 2 Polarized 1.50	-8.00	+6.00	+4.00	0.75-3.50
Impression® 2 1.50	-8.00	+6.00	+4.00	0.75-3.50

All ranges show at a diameter of max. 75 mm. Deviation causes a change of +/- 2 D.

MATERIAL FACTS	Refractive index n _s	Abbè No., v _s	Density p (g/cm²)	100% UV protection up to*	Tints
1.74	1.737	32.5	1.47	380 nm	
1.67 CM IQ	1.668	31.4	1.37	400 nm	Gray, Brown 8-85%
1.67	1.668	31.4	1.37	400 nm	✓
1.60 CM IQ	1.597	40.5	1.30	400 nm	Gray, Brown, Green 8 - 85%
1.60 CM IQ SUN	1.597	40.5	1.30	400 nm	Gray, Brown, Contrast Brown 8 - 85%
1.60	1.597	40.5	1.30	400 nm	✓
1.59 Polycarbonate	1.586	31	1.20	400 nm	✓
1.54 CM IQ	1.540	43.0	1.19	400 nm	5-85%
1.50	1.502	58.2	1.32	350 nm	✓

*Data as per DIN EN ISO for an untreated lens without any coating



Impression® FashionCurved 2.

The individual progressive lens for trendsetting eyewear design.

From now, you can surprise your customers with yet another Rodenstock innovation: Impression® FashionCurved 2 lenses with pupil-optimized correction. Thanks to their additional consideration of spherical aberration, these give your customers pin-sharp vision at all distances. They will experience especially better scotopic and mesopic vision.

BENEFITS:

- Perfect combination of a sporty and fashionable design with maximum optical performance
- Improved contrast vision in all lighting conditions
- Individuality without compromising taking all individual parameters into account
- Optimized correction values for near and far range for pin-sharp vision at all distances
- Security of having a branded product for highest demands on vision

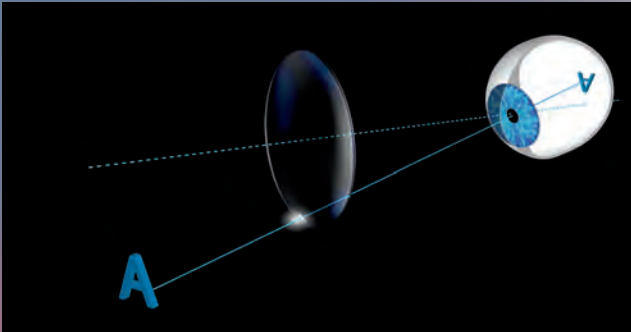
FEATURES:

- Very high vision comfort regarding the individual parameters as well as the frame and centring data
- Higher base curve 5.5, 6.5 and 7.5 for modern and trendy sporty frames
- Face form angle up to 20°
- Pupil-optimized correction offers an improved product, with no additional measurement necessary
- The most exact inclusion of individual parameters
- Individually optimized inset for maximum binocular near vision zones
- Individual power optimisation
- Finely stepped base curve system for aesthetically perfect fit

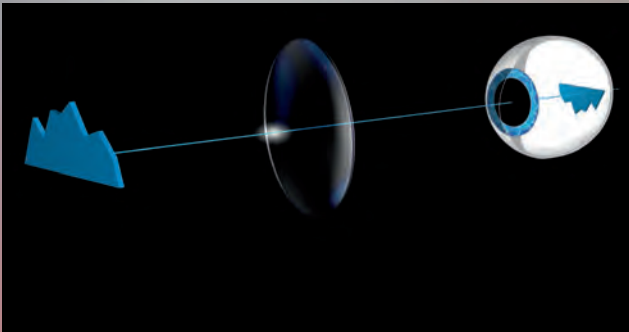
- EyeLT EyeModel
- Retina Focus Principle
- 3D FreeForm Technology

Pupil-optimized correction.

This pin-sharp vision at every light condition can be achieved by the pupil-optimized correction. The pupil size depends on the incoming light, the distance of the object and age. Only once the pupil size and dependencies are taken into consideration can the negative influence of spherical aberration on vision be minimized in every single point of the lens, and pin-sharp vision be achieved at all distances, even in twilight or dark. This can now be achieved with Impression® FashionCurved 2 lenses.



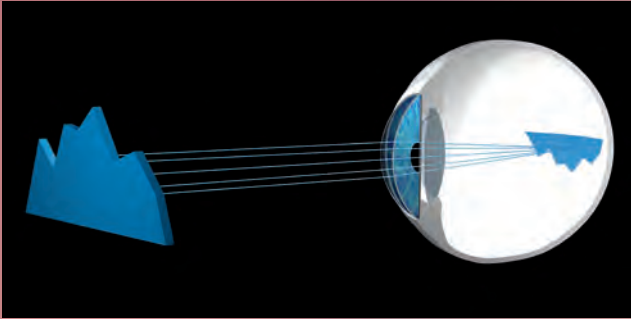
Pin-sharp vision at near distances and small pupils.



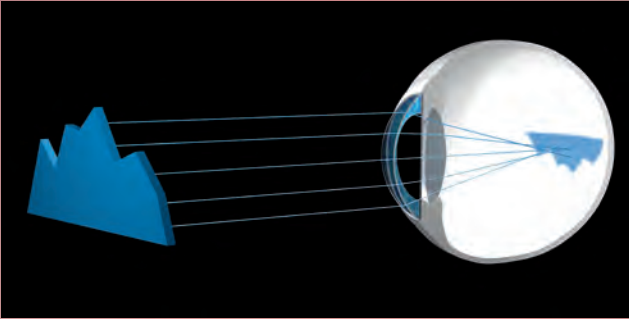
Pin-sharp vision at far distances and large pupils.

Spherical aberration of the eye.

On small pupils, rays of light are refracted in such a way that they intersect on the retina and create a clear image. On large pupils, however, rays of light that hit the pupil on the edge are refracted differently to those that run through the centre of the pupil. The result is unclear imaging on the retina. Impression® FashionCurved 2 optimizes this result in the calculation.



Small pupil: the rays intersect on the retina – clear imaging.



Large pupil: the peripheral rays intersect in front of the retina – unclear imaging.

RODENSTOCK
PERFECTION

LENS DATA:

Impression® Fashion Curved L	
Brand engraving	R
Functional engraving	∞
Additional engraving	2 F
Progression zone length	18 mm
Glazing height	20 mm
Total height	28 mm
Base Curve/Index	under functional engraving nasal
Addition	under functional engraving temporal

Necessary order parameters	
Refraction date	far value and addition (near value at Personal EyeModel)
Pupillary Distance	20-40 mm
Corneal Vertex Distance	5-30 mm
Face Form Angle	-5° to 20°
Pantoscopic Tilt	-5° to 20°
Frame-/Centering data	√

Supplementary Information	
<ul style="list-style-type: none">• For all lenses with Position of Wear: order values are printed on the envelope• Adaptation: straight forward position with a habitual head and body position• Higher base curve 5.5, 6.5 and 7.5 for modern and trendy sporty frames	

TECHNICAL DETAILS	Ranges from	Ranges to	cyl	Addition
Impression® FashionCurved 2 1.60 ColorMatic L	-4.00	+4.00	+4.00	0.75-2.50
Impression® FashionCurved 2 1.60 L	-4.00	+4.00	+4.00	0.75-2.50

All ranges show at a diameter of max. 75 mm. Deviation causes a change of +/- 2 D.

MATERIAL FACTS	Refractive index n _e	Abbè No., v _e	Density p (g/cm²)	100% UV protection up to*	Tints
1.60 CM IQ	1.597	40.5	1.3	400 nm	Gray, Brown, Green 8 - 85 %
1.60	1.597	40.5	1.3	400 nm	√

*Data as per DIN EN ISO for an untreated lens without any coating



Important note: Impression® Fashion Curved is not suitable for dynamic sport activities

ColorMatic IQ®

IQ

The fastest self-tinting lenses from Rodenstock.

Rodenstock is the pioneer in innovative lenses – we have set the standards for over 136 years. ColorMatic IQ® is the new, intelligent photochromic generation, with:

- Extremely fast lightening
- Very low base absorption
- Perfect UV 400 protection
- The widest and most attractive color range

ColorMatic IQ® gives you brand-name quality you can depend on, developed and manufactured by Rodenstock.

The three dimensions of photochromic lenses:



THE FASTEST LIGHTENING.

1

ColorMatic IQ® photochromic lenses react rapidly to all light conditions. They retain their fast darkening and lightening speed for many years.

ColorMatic IQ® offer your customers visibly faster lightening than ever before. It is the fastest ColorMatic® lens Rodenstock developed in over 40 years of experience.

THE BEST UV PROTECTION.

2

When you offer your customers self-tinting lenses, rely on someone you can trust. ColorMatic IQ® is photochromic technology at its most advanced.

- Optimum glare protection through intelligent adaptation to all lighting conditions
- Anti-aging factor: Eyes stay younger-looking thanks to perfect UV 400 protection – a compelling benefit for female and male customers alike
- Easy care and scratch resistance through Solitaire® Protect coating

THE BEST SELECTION – THE ColorMatic IQ® RANGE.

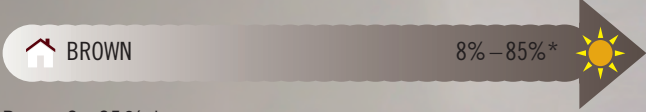
	ColorMatic IQ® 1.54 Gray/Brown	ColorMatic IQ® 1.60 Gray/Brown/Green	ColorMatic IQ® 1.60 SUN* Gray/Brown	ColorMatic IQ® 1.67 Gray/Brown
Single-vision lenses				
Perfalit Free	✓	✓	✓	✓
Multigressiv® Mono 2	✓	✓	✓	✓
Multigressiv® Mono 2 Plus	✓	✓	✓	✓
Impression® Mono 2	✓	✓	✓	✓
Impression® Mono 2 Plus	✓	✓	✓	✓
Progressive lenses				
Progressiv SI® 2	✓			
Progressiv Life Free®	✓	✓	✓	✓
Progressiv PureLife Free®	✓	✓	✓	✓
Multigressiv MyView® 2	✓	✓	✓	✓
Impression® 2	✓	✓	✓	✓
Sport and fashion lenses				
Impression® FashionCurved 2		✓	✓	

An overview of the ColorMatic IQ® color range:



Gray 8–85 % *

- Even color transmission through uniform filtration across the color spectrum
- Neutral and balanced effect



Brown 8–85 % *

- Contrast-enhancing when darkened
- Energizing and motivating effect



Green 8–85 % (1.60)

- Very natural, slightly contrast-enhanced color transmission
- Soothing, relaxing, comforting effect

* Available in index 1.54 in Brown and Gray 5-85%

WIDEST COLOR VARIETY.

3

ColorMatic IQ® offers the widest range of colors, with major benefits:

- Perfectly clear lenses with very low base absorption
- Natural color perception through physiologically tuned colors
- New color mixes for great new shades
- High viewing comfort through slightly enhanced contrast

YOUR DAY MAY BE FULL OF VARIETY, BUT THAT’S NO REASON TO CONSTANTLY CHANGE YOUR SPECTACLES.

Colormatic IQ® – the fastest self-tinting lenses from Rodenstock.

GREAT BENEFITS FOR YOU:

- High customer satisfaction – according to market research, 94% of glasses-wearers who have worn photochromic lenses before would buy them again
- The right advice for your customers, backed by the Rodenstock satisfaction guarantee
- Extensive selection and the widest choice of colors, for every customer requests
- Higher customer traffic in your store through attention grabbing advertising material

An overview of the ColorMatic IQ® SUN color range:

Single-vision lenses	
Perfalit Free	✓
Multigressiv® Mono 2	✓
Multigressiv® Mono 2 Plus	✓
Impression® Mono 2	✓
Impression® Mono 2 Plus	✓
Progressive lenses	
Progressiv SI® 2	
Progressiv Life Free®	✓
Progressiv PureLife Free®	✓
Multigressiv MyView® 2	✓
Impression® 2	✓
Sport and fashion lenses	
Impression® FashionCurved 2	✓

Frequently asked questions

“Self-tinting – there are other lenses that do that, aren’t there...?”

“Rodenstock has been the pioneer in photochromic lenses for over 40 years. We are one of the few manufacturers in the world to make our lenses ourselves. That ensures top quality.”

“Is it true that with self-tinting lenses, I won’t be able to see anything at first when I drive into a tunnel?”

“No, that’s not true. The lenses don’t self-tint behind a car windshield. This problem exists only with regular sunglasses.”












“If I have ColorMatic IQ® lenses, do I no longer need sunglasses?”

“Not quite. ColorMatic IQ® is ideal in changing brightness conditions, for example when hiking in and out of the woods. But if you’re going to be in bright sunshine for extended periods, we recommend sunglasses in your prescription.”

COMPELLING ARGUMENTS FOR YOUR CUSTOMERS:

- Fast darkening and quick lightening that wearers directly experience with ColorMatic IQ®
- Perfect UV 400 protection with 100% UVA and UVB filter
- Natural vision with true-to-nature colours
- Perfectly clear lenses with very low base absorption
- Unique selection of attractive shades thanks to new proprietary, in-house-developed colours
- Long-lasting and robust

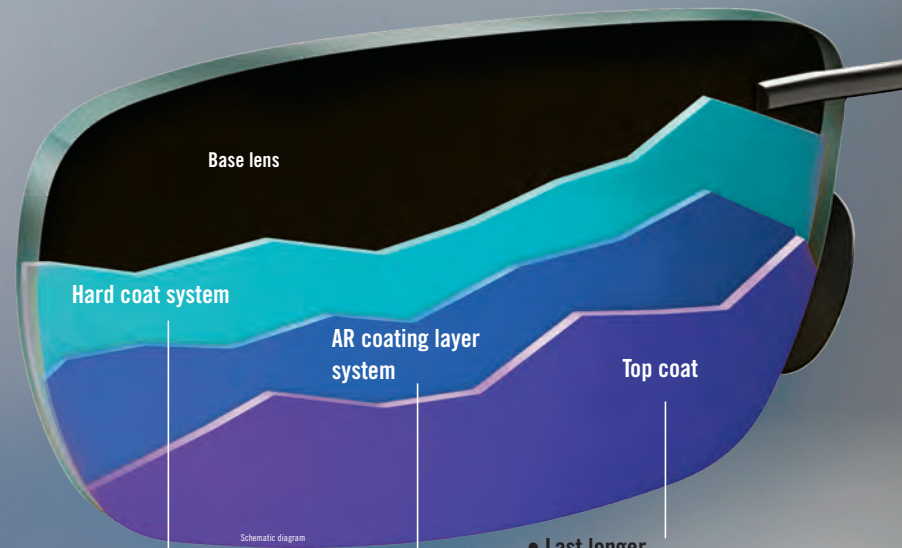
An overview of the ColorMatic IQ® SUN color range:

 FASHION GRAY	55%-90%	
FASHION GRAY	CONTRAST ENHANCEMENT	
<ul style="list-style-type: none">• Consistant color reproduction in all light conditions• Neutral and balanced effect		
 FASHION BROWN	55%-90%	
FASHION BROWN	CONTRAST ENHANCEMENT	
<ul style="list-style-type: none">• Contrast-enhancing effect• Stimulating and motivating effect		
 CONTRAST BROWN	55%-90%	
CONTRAST BROWN	CONTRAST ENHANCEMENT	
<ul style="list-style-type: none">• Permanent contrast enhancing during all darkening levels• Slight brightening effect		
 FASHION GREEN	55%-90%	
FASHION GRAY	CONTRAST ENHANCEMENT	
<ul style="list-style-type: none">• Consistant color reproduction in all light conditions• Neutral and balanced effect		

BEST ALL AROUND PROTECTION

Solitaire® COATINGS.

A high-quality lens coating is made up of multiple layers. In Rodenstock Solitaire® coatings, these layers are perfectly matched to one another using a sophisticated plasma-assisted process.



Best overall protection

- Improved scratch resistance
- Many times more scratch-resistant than an uncoated lens
- Extremely climate resistant
 - Up to 99% transmission
 - Minimum residual reflections
 - Highly dust-repellent
- Last longer
- Extremely durable, highly water and grease repellent
- Effortless cleaning

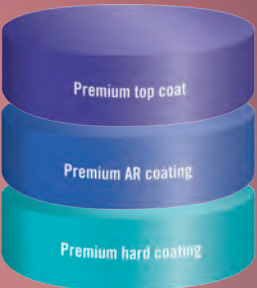
Solitaire® Protect

- Easy to care for and dust-repellent lenses
- Relaxed, high-contrast vision
- Long-lasting thanks to scratch resistance and durability
- Very good aesthetics due to very good reflection reduction
- Rodenstock brand quality and brand promise

Solitaire® Protect Plus

- Immaculately smooth and extremely easy to care lenses with the OneWipe effect
- Clean lenses due to the roll off effect and dust-repellent properties
- Relaxed, high-contrast vision
- Long-lasting thanks to scratch resistance and durability
- Best appearance thanks to premium AR coating with minimum residual reflections

Solitaire® Protect Plus



Solitaire® Protect



Standard coatings



BE ON THE SAFE SIDE WITH

Solitaire® COATINGS.



Outstanding scratch resistance.



Anti-static for cleaner lenses and less cleaning effort.



Anti-reflex coating for extremely clear lenses and improved safety especially for driving.



Nanocoating repels dirt so well that the lens remains clean longer and can be cleaned with only one wipe.



Extremely smooth surface – liquids easily drip off and don't leave stains.

	Property	Solitaire® Protect Plus	Solitaire® Protect	Basic coating
	Scratch-resistant	★★★★★	★★★★★	★★★
	Climate-resistant	°°°°°°°°	°°°°°°	°°°
	Super AR coated	★★★★★	★★★★★	★★★
	Anti-static	⚡⚡⚡⚡⚡		
	Dirt-repellent	◎◎◎◎◎	◎◎◎	
	Water-repellent	💧💧💧💧	💧	

BEST OF CONSULTING IN SMALLEST OF SPACES.

In the future, the path to the best spectacles will always go via ImpressionIST® 3. This is because it provides the best spectacles consulting and measurement that there has ever been. With three different versions and an independent consulting unit, the ImpressionIST® 3 is flexible like no other video centring system.

ImpressionIST® 3 is controlled by an independent consulting unit, a touchscreen PC. The acquired data can be retrieved by multiple consulting stations. Due to this, you and your employees can serve multiple customers at the same time.

Frames Consulting.

Which spectacles suit your customer the best? Which colors and finishes have the best effect in the frame shape that is selected? Thanks to up to four portrait photos on the screen at the same time, the question can often be answered at first look. But not just that: They simplify the consulting process noticeably and make it possible for you and your employees to work in a way that is clearly more efficient.



Lens Consulting.

The same thing applies for lens consulting. Different lens designs, lens types as well as the effect of individual parameters can be demonstrated vividly. Supported by the Rodenstock Consulting systems, selling will be even easier. Subsequent lens orders will be very easy via direct transmission of the determined parameters to WinFit® Reference.



Free-standing version.

A representative eye-catcher that impresses and sparks interest.

Wall-mount version.

Integrates elegantly into your shop without requiring additional shop space.



THE PERFORMANCE FEATURES AT A GLANCE:

Interactive Information Terminal.

- Consulting with the Rodenstock Consulting program
- Makes it possible to present your own offers
- Entertainment, e.g. optical phenomena, image and product films

Frames Consulting.

- Portrait photographs for comparing frames
- Consulting for colors and finishes for the selected frame

3D Video Centring System.

- Short measurement distance (0.60 m)
- Measurement by means of a stereo camera system with the habitual head and body position without a measuring attachment
- Measurement of all individual parameters in accordance with DIN
- Flash illumination for optimum picture quality
- Improved automatic pre-selection of the selection options
- Control via Wi-Fi
- Multi user system, i.e. multiple convenient consultations at the same time

Lens Consulting and Ordering.

- Convincing lens consulting in the current Consulting program from Rodenstock (design, colors, visual zones, lens types)
- Determination of all design parameters
- Convenient lens ordering with industry software and WinFit® Reference
- Interfaces to popular ordering systems

Ergonomic Design.

- Flexible setup of touchscreen PC
- No distance projection necessary
- Height adjustment that is intuitive to use
- Three different models (free-standing, tabletop, and wall-mount version)
- Maximum height of the unit is 2.20 m

3D VIDEO MEASUREMENT WITH THE ImpressionIST®3. For the best Rodenstock spectacles you've ever had.

THE SIMPLE WAY TO PERFECT SPECTACLES.



Award-winning design:
ImpressionIST® 3 is the winner of
the iF Product Design Award 2012.

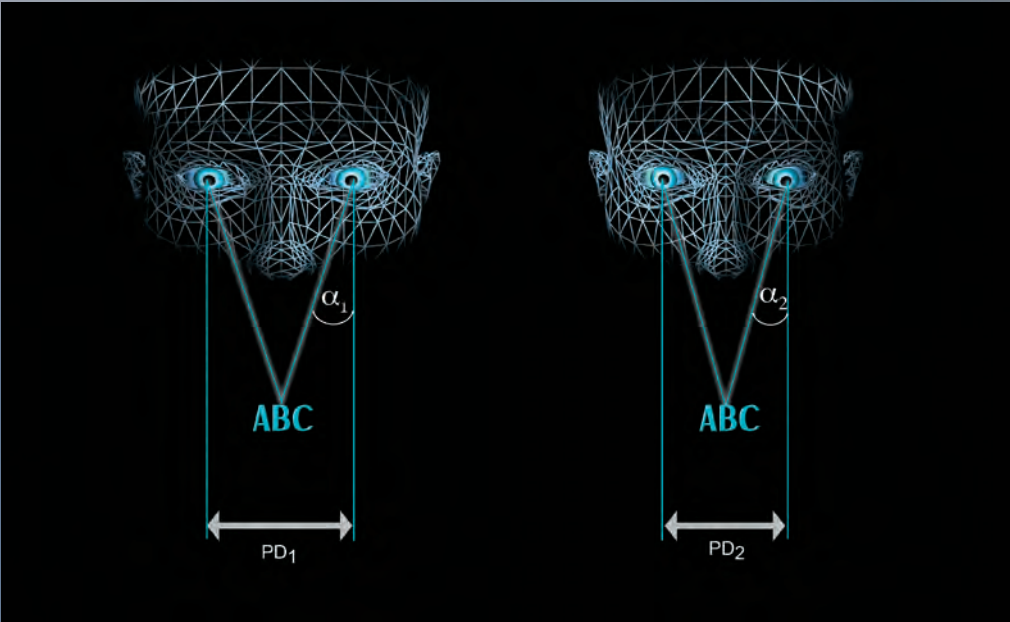
OVERVIEW ICONS.



PD Optimized

PD OPTIMIZED INSET:

Offers the user even better vision in near and intermediate zones thanks to individual PD. It is specifically tailored to the eye's natural movements for near vision. If desired, lenses from the Multigressiv and Impression family can be customized by specifying the pupillary distance.



The convergence effort is directly depending on the PD. Therefore the individual and precise position of the inset is necessary to provide best vision quality for near.

BENEFITS:

- Free inset, that is adapted to the specific PD of the wearer
- Harmonical and natural near vision
- Perfect location of intermediate and near zones
- Ideal binocular overlaying of vision fields in the near and intermediate



Important note

Please read the important notes carefully!



Eye Lens Technology

With Eye Lens Technology, or EyeLT® for short, Rodenstock is paving the way to the perfect lens. With this patented technology, Rodenstock has succeeded for the first time to implement a near refraction independent from the distance refraction in one progressive lens.

EyeLT EyeModel

Until now:
refraction far + addition

Innovation: EyeLT EyeModel
far refraction + calculated near refraction

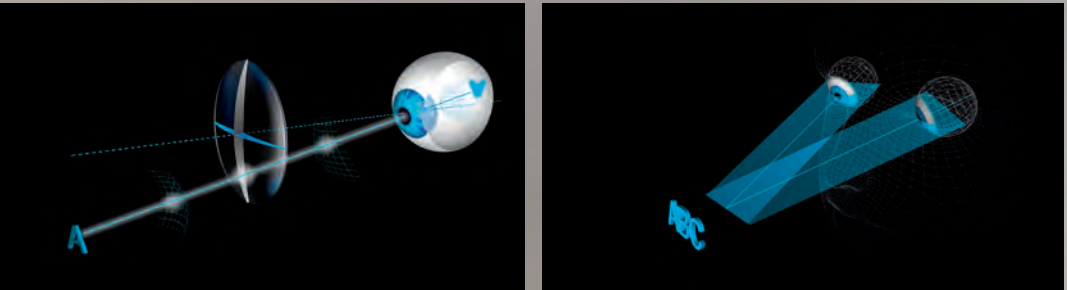


Until recently, far and near refraction could not be implemented in a progressive lens. Thanks to the development of the Eye Lens Technology Rodenstock is the first lens manufacturer that is now able to do this!

REASON FOR DIFFERENCES BETWEEN FAR AND NEAR CYLINDER:

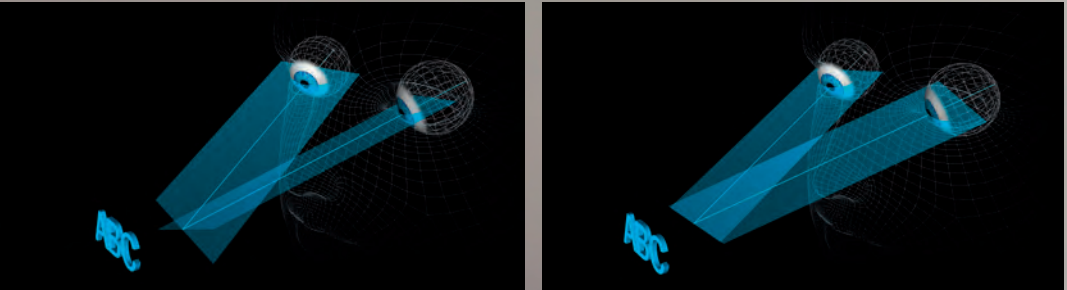
1. Geometrical/optical: effective near astigmatism

Due to the distance between the lens and the eye, for near vision is a higher cylinder needed in the spectacle lens.



2. Physiological: Listings law

During convergence the eye movement is a twisting movement (rolling). This leads to an alternation of the cylinder axis.



Both factors occur also if the accommodation is rotational symmetric. The influence is dependent from cylinder, addition, working distance, prism and PD. No additional measurements are needed.

BENEFITS:

- Wider near vision fields for all progressive lenses, with astigmatic powers
- Higher quality for near vision
- Improved visual acuity



Pupil-optimized correction

PIN-SHARP VISION AT ALL DISTANCES ESPECIALLY IN TWILIGHT OR DARKNESS.

From now, you can surprise your customers with yet another Rodenstock innovation: Impression® 2 lenses with pupil-optimized correction. Thanks to their additional consideration of spherical aberration, these give your customers pin-sharp vision at all distances. They will experience especially better scotopic and mesopic vision.



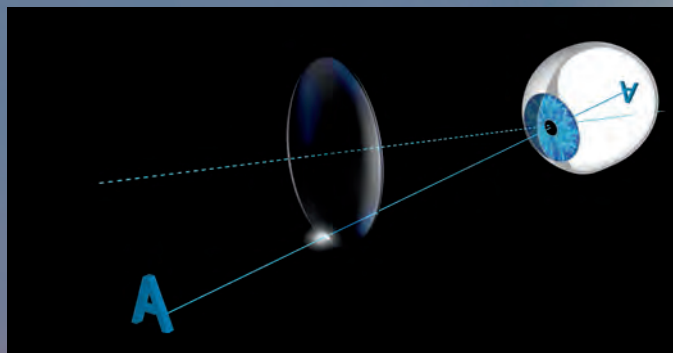
Standard lenses



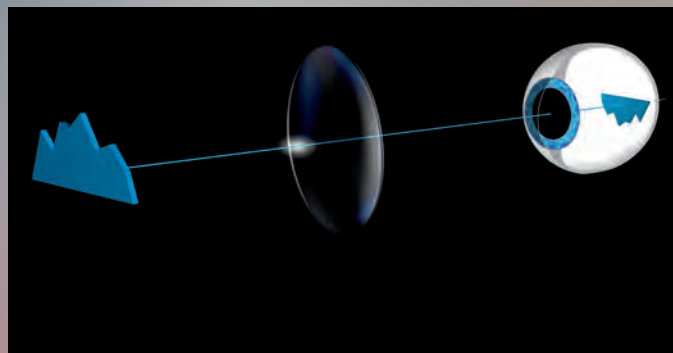
Impression® 2 with pupil-optimized correction

Pupil-optimized correction.

The pupil size depends on the incoming light, the distance of the object and age. Only once the pupil size and dependencies are taken into consideration can the negative influence of spherical aberration on vision be minimized in every single point of the lens and pin-sharp vision be achieved at all distances, even in twilight or dark.



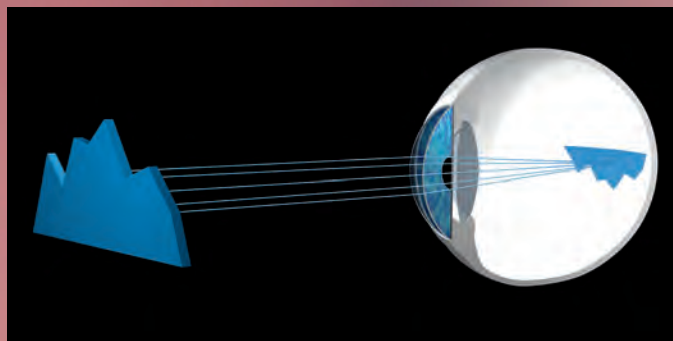
Pin-sharp vision at near distances and small pupils.



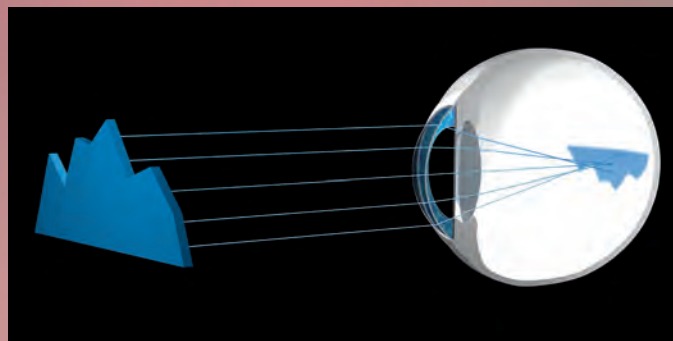
Pin-sharp vision at far distances and large pupils.

Spherical aberration of the eye.

On small pupils, rays of light are refracted in such a way that they intersect on the retina and create a clear image. On large pupils, however, rays of light that hit the pupil on the edge are refracted differently to those that run through the centre of the pupil. The result is unclear imaging on the retina.



Small pupil: the rays intersect on the retina – clear imaging.



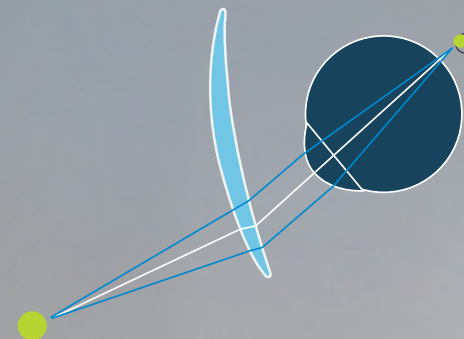
Large pupil: the peripheral rays intersect in front of the retina – unclear imaging.



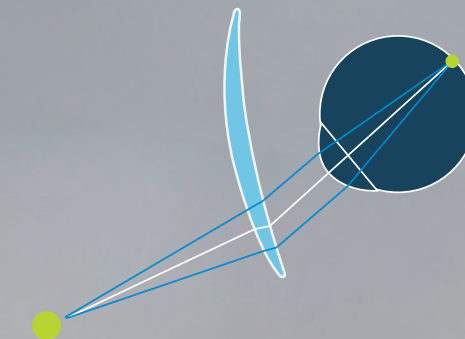
Retina Focus Principle

With the Retina Focus Principle, an imaging true to refraction on the retina is ensured. By taking the real situation in wear into account, the spectacle wearer is provided with exactly the prescription he or she needs for vision at near with Rodenstock progressive lenses.

Without Retina-Focus-Principle



With Retina-Focus-Principle



As the physiognomy and physiology of people changes from generation to generation older calculation models as basis are now obsolete. With over 10 years of experience with ILT, Rodenstock collected millions and millions of real consumer data. This knowledge is used to continually adapt the average values for Rodenstock progressive lenses.

The result is the most realistic “standard head” of our times.

Rodenstock enhanced the current position of wear to the unique Retina-Focus-Principle for ideal focus on the retina.

BENEFITS:

- Best possible prescription accuracy for the whole lens surface
- Fatigue-free, high-contrast near vision
- Exceptional vision in near and intermediate zones
- Perfect implementation of refraction for best compatibility

Rodenstock was one of the first to launch conventional freeform technology already in the year 2000. As the pioneer of Freeform technology Rodenstock has become a synonym for innovation in 3D FreeForm technology and leader in the production of individual lenses.

Rodenstock as the world's leading brand for ophthalmic lenses and eyewear offers you more than 136 years of experience. **3D FreeForm is our standard.**



BENEFITS:

- Up to 40 % improved visual performance providing better visual comfort*
- State-of-the-art technology
- Faster adaptation
- Aesthetically attractive lenses
- Less spectacle magnification
- Consistent reflection over the whole lens surface
- Larger vision zone for same progression length compared to front surface progression
- Wider vision fields

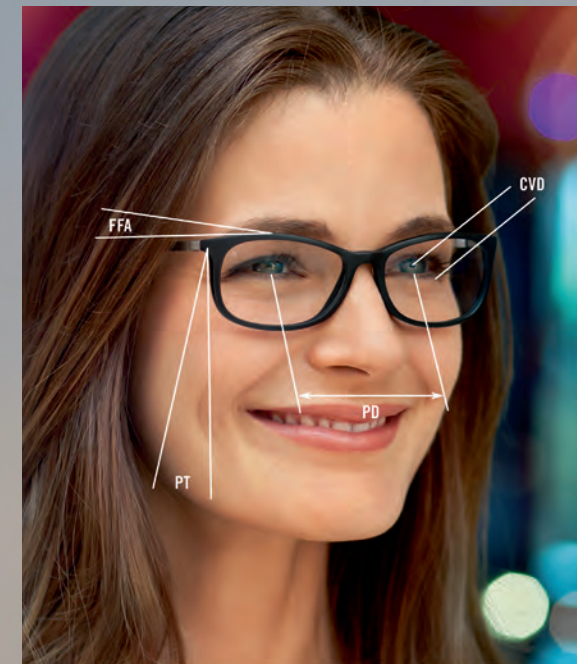
* compared to other conventional Rodenstock progressive lenses e.g. Progressiv SI



Most exact inclusion of all individualization parameters:

For some lenses standard parameters are used - the so called "standard head". But every human is different, therefore every frame has different values. The more the customers values are away from the standards the more optical errors are introduced.

The individual parameters describe the fit of the spectacles in the patient's face. For every individual face the progressive lens can be ideally calculated and will guarantee an ideal vision for the user.



- PT: Pantoscopic tilt
- FFA: Face-form-angle
- CVD: Corneal-vertex-distance
- PD: Pupillar distance

BENEFITS:

- High vision comfort by taking PD, CVD, pantoscopic tilt and face form angle into account
- Precisely positioned inset thanks to taking into account all individual parameters in dependence on ametropia and addition; can also be ordered for values differing from 100% convergence capability (e.g. for monocularism)
- Identical vision zones R/L, even in cases of anisometropia
- Easy switching from other progressive lens types possible
- Distortion similar to single-vision lenses
- Constant spectacle magnification and uniform front surface reflections
- High spontaneous compatibility
- Curvature of the lenses can be matched to the frame by setting the base curve
- Ideal vision fields thanks to optimum design based on the latest physiological knowledge
- Quality guarantee/Compatibility guarantee

Fully individual lenses create highest vision comfort!



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EyeConsulting + Lens Consulting



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