LENS CATALOGUE

THE IDEAL SOLUTION
FOR EVERY SPECTACLE WEARER.

RODENSTOCK

B.I.G. VISION® IS OUR UNIQUE PHILOSOPHY

The mission of Rodenstock is to provide better vision to all spectacle wearers. We recognise that every person and every eye is unique and different. That's why we use thousands of data points to measure and determine the parameters of the eye and use this data to produce the lenses customised according to the biometric parameters of each individual eye.

As Rodenstock always strives for improvement, the researchers at Rodenstock have now taken a further step to mark the next evolution in B.I.G. VISION® FOR ALL.
Introducing B.I.G. EXACT™ SENSITIVE Spectacle lenses that help the brain see more of the world, optimised for both individual visual sensitivity and biometry.

RODENSTOCK UK

Rodenstock has been an innovation leader in the field of ophthalmic optics for more than 140 years. Our mission is to create the sharpest possible vision for all spectacle wearers. To achieve this, Rodenstock determines the biometrics and sensitivity of the individual eye. All relevant biometric and sensitivity data flows directly into the lens production process - this is unique in the industry.

Our customer-focused organisation continuously responds to the dynamics in the optics market and your expectations of a modern business partner. Attention to you, the customer, is paramount. Our expert team is standing by to make this happen. You can reach them using the contact information below.

Rodenstock (UK) Ltd. Office
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Crossways Business Park
Dartford
DA2 6QH
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Customer Support
For lens orders
and other questions:
Tel. 01474 325555
customer.service@rodenstock.co.uk

Marketing
Tel. 01474 325555
marketing@rodenstock.co.uk

Sales
Tel. 01474 325555
customer.service@rodenstock.co.uk

Tools & Services Support
For support with:
- DNEye®
- ImpressionIST®
- CNXT®
- WinFit
Tel. 01474 531181
it@rodenstock.co.uk

RODENSTOCK BRAND MARK

For Rodenstock, every branded lens is a masterpiece. Just as every masterpiece is signed by the artist, Rodenstock also signs its branded lenses with the Rodenstock Brand Mark.

The Rodenstock Brand Mark is a symbol of innovation and precision, representing the unique quality and reliability befitting a 100% made in Germany product.
The Rodenstock Brand Mark guarantees your patient that they have made the right choice.

Key benefits:
- Representation of highest quality standard
- Unique symbol of reliability, precision and authenticity
- Definition of exclusivity and innovation

B.I.G. VISION® IS OUR UNIQUE PHILOSOPHY

The mission of Rodenstock is to provide better vision to all spectacle wearers. We recognise that every person and every eye is unique and different. That's why we use thousands of data points to measure and determine the parameters of the eye and use this data to produce lenses customised according to the biometric parameters of each individual eye. As Rodenstock always strives for improvement, our researchers have now taken a further step to mark the next evolution in ...

B.I.G. VISION® FOR ALL

INTRODUCING:
THE NEXT EVOLUTION IN B.I.G VISON®

B.I.G. EXACT™ SENSITIVE

The spectacle lenses optimised for individual visual sensitivity and biometry.

See brochure for further details.
Launching March 2025.

Tel. Sales Support: 01474 325555

THE B.I.G. VISION® LENS PORTFOLIO 2025

	Progressives	Near Vision	Single Vision	Myopia Management
B.I.G. EXACT™ Sentitive Lenses based on visual sensitivity index and exact biometric eye model.	Impression® B.I.G. EXACT™ Sensitive	Impression® B.I.G. EXACT™ Sensitive Ergo®	Impression® B.I.G. EXACT™ Sensitive Mono / Mono+	
B.I.G. EXACT® Lenses made with an exact biometric eye model.	Impression® B.I.G. EXACT®	Impression® B.I.G. EXACT® Ergo®	Impression® B.I.G. EXACT® Mono / Mono +	
	Multigressiv® B.I.G. EXACT®	Multigressiv® B.I.G. EXACT® Ergo®	Multigressiv® B.I.G. EXACT® Mono / Mono +	
	Progressiv® B.I.G. EXACT®	Progressiv® B.I.G. EXACT® Ergo®	Cosmolit B.I.G. EXACT® Mono / Mono +	
B.I.G. NORM® Lenses made with Rodenstock's AI technology, based on an immense biometric data set.	Impression® B.I.G. NORM®	Impression® B.I.G. NORM® Ergo®	Impression® B.I.G. NORM® Mono / Mono +	
	Multigressiv® B.I.G. NORM®	Multigressiv® B.I.G. NORM® Ergo®	Multigressiv® B.I.G. NORM® Mono / Mono +	
	Progressiv® B.I.G. NORM®	Progressiv® B.I.G. NORM® Ergo®	Cosmolit B.I.G. NORM® Mono / Mono +	
STANDARD Lenses made with a reduced standard eye model.	Progressiv Life	Progressiv Ergo	Cosmolit	MyCon™ 2
			Perfalit / Perfalit Mono+	MyCon™

Table of Contents

IMPRESSION®

The best Rodenstock lenses for sharpest vision without compromises. Considers the individually measured real position of wear of the glasses in front of the eyes of the spectacle wearer.

RODENSTOCK

IMPRESSION® INDIVIDUALISATIONS

Indiviualisation of Visual Sensitivty
Our newest lenses are built on the foundation of B.I.G. EXACT®. We can now use measurements from our DNEye® Scanner and visual acuity (optional) to determine visual sensitivity. This visual sensitivity is also factored into the lens calculations. **B.I.G. EXACT™ Sensitive lenses bring the next level of lens individualisation**, tailored more precisely to each person.

Impression® Individualisation of Design
Further information on our pre-configured lifestyle design variants: Active, Allround, Expert and Road, Book, PC and Room, can be found on pages 53-61. The Impression® Lens range gives you the opportunity to fully individualise the design weighting of bias of the lens with our patented flexible Design Technology. Allowing for an almost unlimited number of progressive and degressive lens designs to be freely produced according to the requirements and preferences of the patient.

Impression® Individualisation of Position of Wear
Every face is unique, as is the fit of the spectacles. This unique fit can be described exactly by using the individual parameters pupil distance, pantoscopic tilt, corneal vertex distance, face form angle and near distance. Tailored to match the individually measured actual wearing position of the glasses. Individual lenses can have significant benefits with the consideration of the real as-worn position if this is outside of standard position.

Impression® Individual Power Optimisation
For all Rodenstock Impression B.I.G. EXACT® and Impression B.I.G. NORM® lenses, the calculation of the freeform back surface is carried out online by means of individual power optimisation. Apart from the biometry of the individual patient's eye and the individual lens geometry, all ordered refraction data (sphere, cylinder, axis, prism, base) as well as the individual parameters for the as-worn position (pupil distance, corneal vertex distance, pantoscopic tilt and face form angle) are included in the optimisation. For the individual power optimisation, the optimisation takes place not only at individual Reference points, but is calculated across the entire surface of the lens. This ensures that every patient receives optimally large and symmetrical fields of vision independent of their biometry, their refraction data and the fit of the frame on the face, even in the case of anisometropia.

THE B.I.G. VISION® LENS PORTFOLIO: IMPRESSION® LENSES TECHNOLOGY OVERVIEW

B.I.G. VISION® LENS PORTFOLIO TECHNOLOGIES			B.I.G. EXACT®			
			Impression® B.I.G. EXACT™ Sensitive	Impression® B.I.G. EXACT®	Impression® B.I.G. EXACT® Ergo®	
Rodenstock Proprietary Technologies	Visual Sensitiviy Index	Individual Visual Sensitivity	✓			
	DNEye® Technology	Exact biometric eye model	✓	✓	✓	
	AI Technology	Approximate biometric eye model				
	Eye Lens Technology	Effective near astigmatism	✓	✓	✓	
		Listing far & near	✓	✓	✓	
		Individual near refraction (optional)	✓	✓	✓	
Rodenstock Innovation Technologies	Individual Lens Technology	FFA, PT, CVD	✓	✓	✓	
		Variable reading distance	✓	✓	✓	
		PD	✓	✓	✓	
	Flexible Design Technology	Individual Design	✓	✓	✓	
		Active / Expert / Road	✓	✓		
		Allround	✓	✓		
		Book / PC / Room			✓	
		Individual DF				
	Power optimisation	Quality of power optimisation	individual	individual	individual	
Rodenstock Core Technologies	Progression	Variable / Frame optimised	✓	✓		
		L, M, S	✓	✓		
	Degression	Variable / Frame optimised			✓	
		Addition- and design depending			✓	
	Accommodation assistance (Mono+)	0.5 D / 0.8 D / 1.1 D				
	Inset/ Near Vision Optimsation	Individual Design	✓	✓	✓	
		PD-optimised	✓	✓	✓	
		Individual refraction data	✓	✓	✓	
		Spherical Equivalent				
	Wave front calculated in position of wear		✓	✓	✓	
	Free form produced on finely stepped BC system		✓	✓	✓	
	Easy prism handling		✓	✓	✓	

				B.I.G. NORM®					
	Impression® B.I.G. EXACT® Mono / Mono+	Impression® B.I.G. EXACT® Sport	Impression® B.I.G. EXACT® Mono Sport	Impression® B.I.G. NORM®	Impression® B.I.G. NORM® Ergo®	Impression® B.I.G. NORM® Mono / Mono+	Impression® B.I.G. NORM® Sport	Impression® B.I.G. NORM® Mono Sport
	✓	✓	✓						
				✓	✓	✓	✓	✓	
	✓	✓		✓	✓	✓	✓		
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	✓	✓	✓	✓	✓	✓	✓	✓	
	✓	✓	✓	✓	✓	✓	✓	✓	
	✓	✓	✓	✓	✓	✓	✓	✓	

THE NEXT EVOLUTION IN B.I.G. VISION®

The benefits of B.I.G. EXACT™ Sensitive lenses are remarkable

We conducted wearer trials and an eye tracking study to prove the efficacy and success of the new B.I.G. EXACT™ Sensitive lenses.

Spectacle wearers in the trials strongly preferred the new lenses and experienced notable improvements across several performance metrics.

83%
preferred the new design that considers their sensitivity*

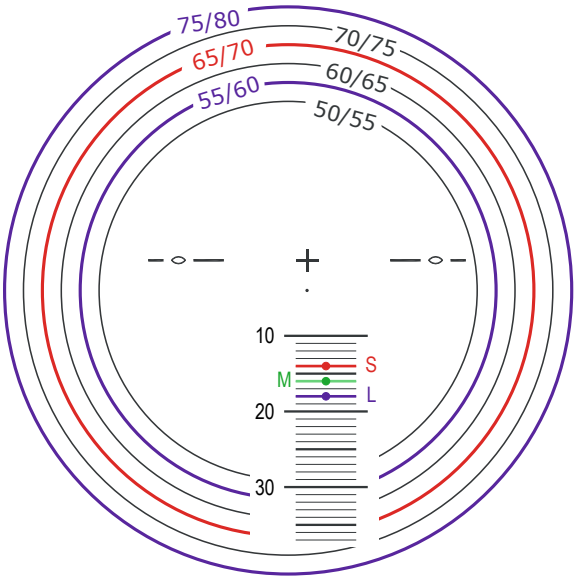
24%
better vision flow*

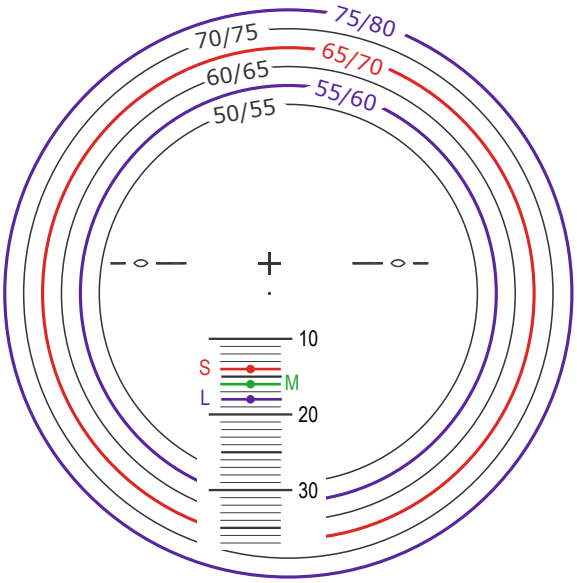
28%
better reading flow*

35%
improved orientation*

*Results of an external wearer trial conducted with the University of Applied Sciences in Munich, June 2024

Diameter template

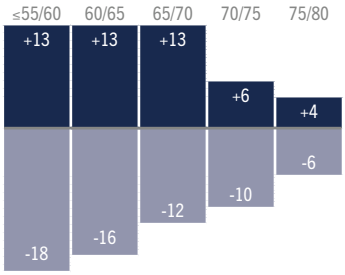




	Progressive zone length	Minimal ocular height	Minimal lens height	DN	DF
Individual Design [mm]	13-24	15-26	23-34	-13 to -20	-4 to +4
Active [mm]	13-18	17-22	23-28	-15 to -20	
Allround [mm]	(V)13-19 (S)14 (M)16 (L)18	(V)16-22 (S)16 (M)18 (L)20	(V)23-29 (S)24 (M)26 (L)28	(V)13-19 (S)-14 (M)-16 (L)-18	
Expert [mm]	14-21	15-22	24-31	-13 to -20	
Road [mm]	14-20	16-22	24-30	-14 to -20	

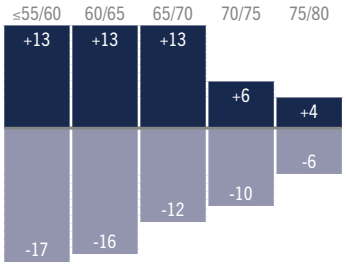
1.74*

UV 400



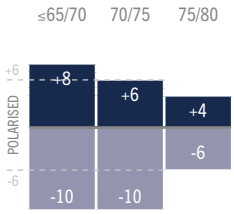
1.67*

UV 400, PRO410, ColorMatic 3[1]



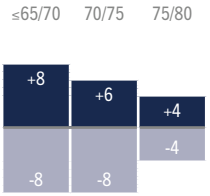
1.60

UV 400, PRO410, ColorMatic 3 (Sun), Polarised



1.50

UV 400, ColorMatic 3[1]



CYL up to +6.00 D (polarised: CYL up to +4.00 D) | Add +0.75 to +3.50 D | Prism on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50/55 available), special thicknesses and centered or decentered versions up to 5 mm.

*max. Optical diameter and centering depending on the power.

Important considerations

- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Specify the individual parameters (Mono PD and heights, Pantoscopic tilt, Face Form Angle and Vertex distances), the design type or, alternatively, the design features when ordering. You can use the CNXT Select programme to choose between the Active, Allround, Expert and Road design types, and to create an Individual Design.
- You must enter the frame and centering information when ordering to determine the optimal zone length for the frame. If unspecified, the default is -18.
- For optimal results, you can specify the individual reading distance and the reading distance during refraction separately. The default reading distance is 40 cm.
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.
- Fit with COR PD (see lens pouch).

Technical details

- EyeLT: - EyeModel included
  - Individual Near-refraction (Optional)
- Individual Visual Sensitivity index included on Sensitive lenses.
- Individual Design and Active, Allround, Expert and Road design types.
- Individual power optimisation.
- Individually optimised inset for maximum binocular field of view.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform Technology.
- Easy prism handling.

1 ColorMatic 3 1.67 & 1.54: only available in Smoky Grey and Chestnut Brown.

Three types of near vision lenses
Rodenstock Ergo® near vision lenses are available in three versions: Book, PC and Room. The variation is necessary because Ergo® near vision lenses are individually tailored to specific working distances. Eye movements guarantee a larger field of view where it matters most to the wearer. The larger field of view supports an ergonomic head and body position and ensures comfortable vision without fatigue.

Using progressive or reading glasses during near vision work: yes or no?
With progressive lenses, the spectacle wearer can switch smoothly from near to distance vision and vice versa in various everyday situations. That flexibility means that the field of view is relatively small at normal computer monitor viewing distances. As a result, people tend to subconsciously adopt an unnatural posture to see sharply.

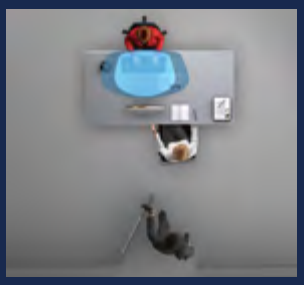
Reading glasses, on the other hand, are often optimised for a reading distance of 40 cm, while a monitor is usually further away. This causes the wearer to constantly lean forward to see sharply, and to take them off when focusing at longer distances — such as when talking to a colleague.

Near vision glasses are specifically designed to meet the wearer's needs in the workplace or at home, preventing poor posture and allowing smoother and more comfortable vision at work or at home.

READING OR PROGRESSIVE LENSES FIELDS OF VIEW

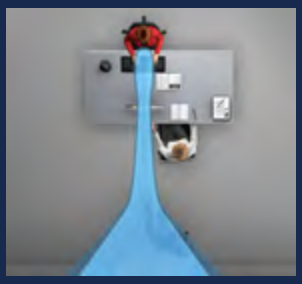
Reading glasses

- Only usable at a reading distance of 40 cm.



Progressive glasses

- The field of view is usually too small at the intermediate distance.



Comfortable field of view
Enlarged field of view

RODENSTOCK COMPUTER LENSES FIELDS OF VIEW

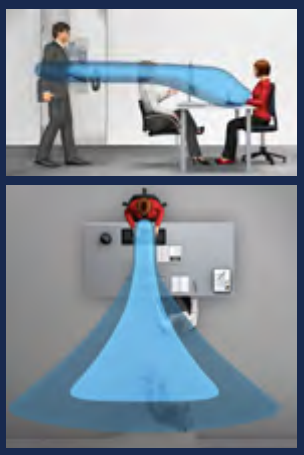
Ergo® Book

- Large fields of view for near vision.
- Relaxed reading and working without fatigue.
- Sharp vision up to 90 cm.

Ergo® PC

- Large fields of view in enlarged near and intermediate segments.
- Ergonomically correct head and body posture, especially during near vision work.
- Sharp vision up to 120 cm.

Ergo® Room



- For general work with greater depth of field than 'Book' and 'PC' versions.
- Relaxed view.
- Sharp vision up to 2 metres.

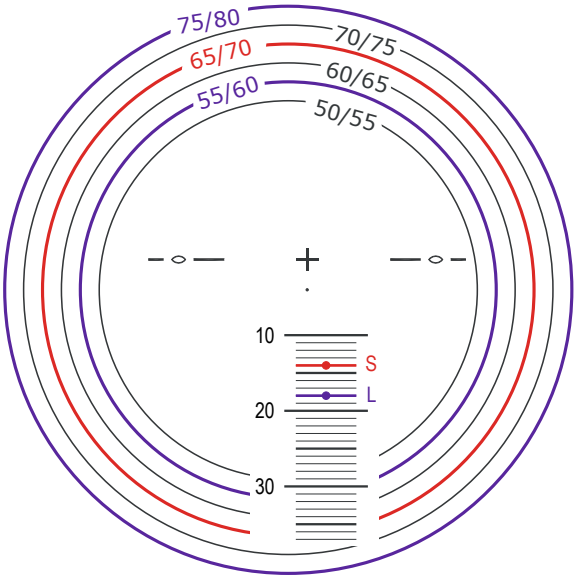
Ergo® lenses degression values and vision range.*

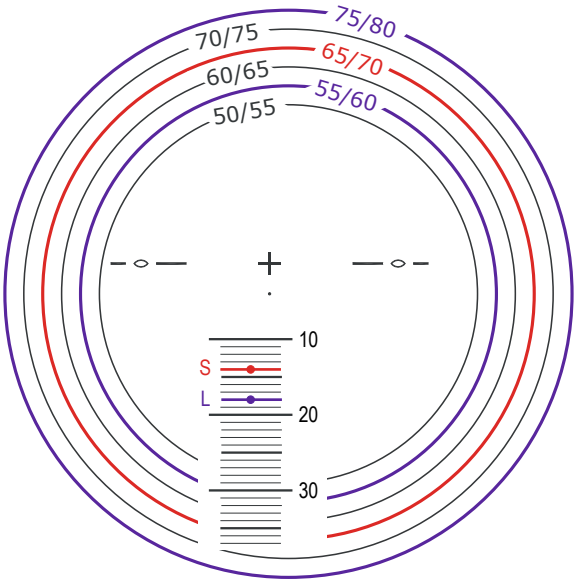
	Addition [D]	0.75	1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25	3.50
BOOK	Max. viewing distance (above DM)	5.00	3.25	1.79	1.44	1.23	1.08	0.97	0.97	0.97	0.97	0.97	0.97
	Viewing distance (DM)	0.94	0.74	0.63	0.62	0.62	0.62	0.62	0.62	0.59	0.56	0.54	0.51
	Min. viewing distance (DN)	0.31	0.32	0.33	0.33	0.34	0.35	0.35	0.36	0.33	0.31	0.29	0.27
	Depth of focus	4.69	2.93	1.46	1.11	0.89	0.73	0.62	0.61	0.64	0.66	0.68	0.70
PC	Max. viewing distance (above DM)	5.00	3.25	2.22	1.85	1.58	1.39	1.30	1.30	1.30	1.30	1.30	1.15
	Viewing distance (DM)	1.29	0.89	0.82	0.82	0.82	0.82	0.82	0.82	0.78	0.75	0.73	0.66
	Min. viewing distance (DN)	0.31	0.32	0.33	0.33	0.34	0.35	0.35	0.36	0.33	0.31	0.29	0.27
	Depth of focus	4.69	2.93	1.89	1.52	1.24	1.04	0.95	0.94	0.97	0.99	1.01	0.88
ROOM	Max. viewing distance (above DM)	5.00	4.74	3.79	3.16	2.71	2.52	2.52	2.52	2.52	2.52	1.61	1.15
	Viewing distance (DM)	5.00	4.74	3.79	3.16	2.71	2.52	2.52	2.52	2.52	2.52	1.61	1.15
	Min. viewing distance (DN)	0.31	0.32	0.33	0.33	0.34	0.35	0.35	0.36	0.33	0.31	0.29	0.27
	Depth of focus	4.69	4.42	3.46	2.83	2.37	2.17	2.17	2.16	2.19	2.21	1.32	0.88

* Rounded off

Tel. Sales Support: 01474 325555

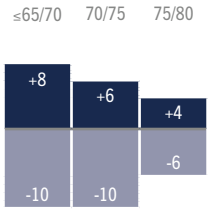
Diameter template



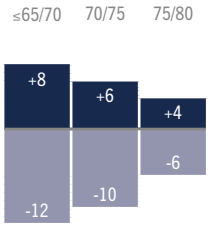


	Minimal ocular height	Minimal lens height	DN	DM
Individual Design [mm]	14-22	25-36	-12 to -20	-4 to +4
Book [mm] [S]	16-22	24-30	-14 to -20	0
PC [mm] [L]	16-22	24-30	-14 to -20	0
Room [mm] [L]	16-22	24-30	-14 to -20	-2

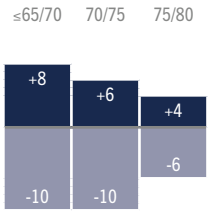
1.74
UV 400



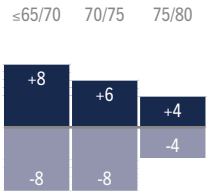
1.67
UV 400, PRO410



1.60
UV 400, PRO410



1.50
UV 400



CYL up to +6.00 D | Add +0.75 to +3.50 D | Prism > 5 cm/m on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50/55 available), different thicknesses and centered or variable decentered versions up to 5 mm.

Important considerations

- For optimal results, you can specify the individual reading distance and the reading distance during refraction separately. The default reading distance is 40 cm.
- Please specify the individual parameters (Mono PD's, heights, Pantoscopic tilt, Face Form angle and vertex distances) and the design options and features when ordering individual designs.
  You can determine the design options and features with 'CNXT Select'.
- Please specify the distance strength and addition when ordering.
- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.
- Fit with COR PD (see lens pouch) or distance PD.

Technical details

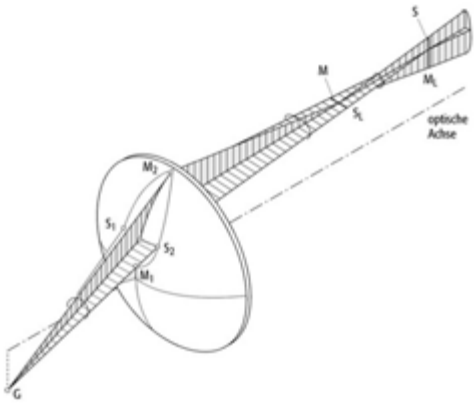
- 4 design types: Individual / Book / PC / Room.
  Individual: Individual design can be fully tailored to the customer's individual ergonomics and working conditions.
- Individual Visual Sensitivity index included on Sensitive lenses.
- Individual strength optimisation.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform technology.
- Easy prism handling.

1 Depending on DN and DM: minimum lens height: (DN-DM) +8 mm, minimum fitting height: DN +2 m.

B.I.G. MONO / MONO +

CONVENTIONAL SINGLE VISION

When looking through the reference point, the spectacle wearer is fully corrected. However, when looking through the periphery of the spectacle lens or at close range, aberrations occur which can be perceived as disturbing, especially with higher refractive errors due to blurring. The following figure shows schematically the astigmatism of oblique bundles when looking peripherally through the spectacle lens.



B.I.G. MONO / MONO +

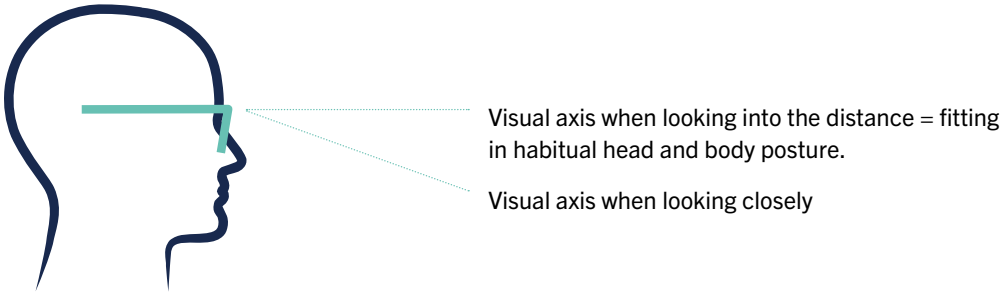
The optimisation of Rodenstock B.I.G. EXACT® and B.I.G. NORM® single vision lenses (Mono/Mono+) is performed for different object distances from distance to near. Thus, the effective near astigmatism and Listing's law for distance and near can also be considered. This results in the largest possible error-free visual fields, even when looking at close distances.

Effective Near Astigmatism & Listing's Laws

WHAT IS THE INFLUENCE OF THE DIFFERENT FITTING?

The adjustment in the zero-viewing direction with habitual head and body posture corresponds to the individually adopted posture when looking into the distance in normal use. This ensures that the patient sees through the reference point into the distance and the correct near vision fields when reading.

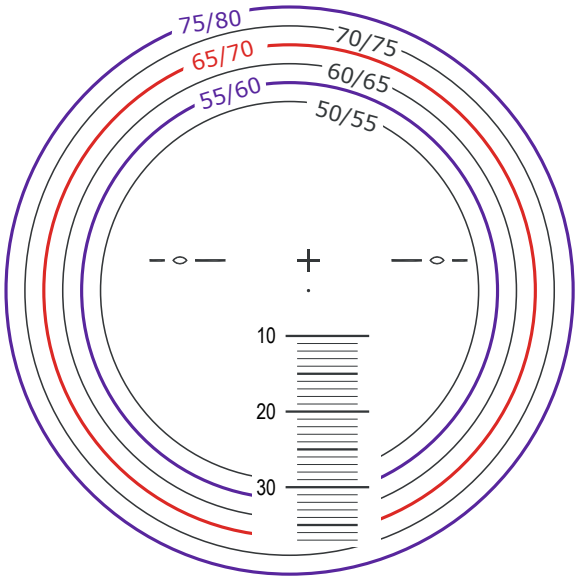
When looking through the periphery of the lens, B.I.G. Mono/Mono+ achieves a significantly better image due to the optimisation for distance & near. This applies to all directions of vision from distance to near.

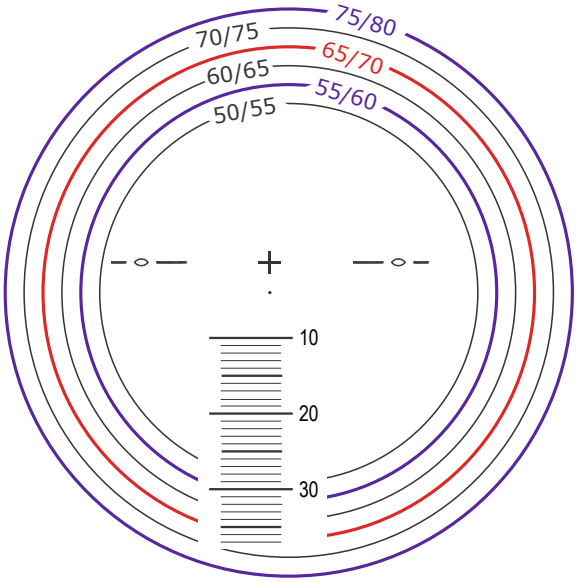


Visual axis when looking into the distance = fitting in habitual head and body posture.

Visual axis when looking closely

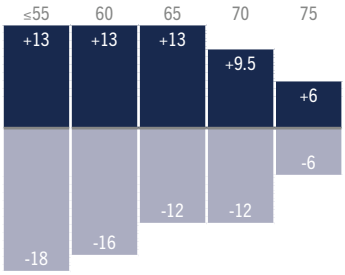
Diameter template





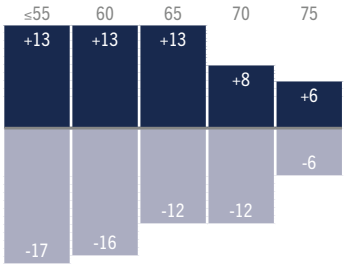
1.74*

UV 400



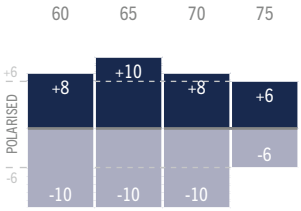
1.67*

UV 400, PRO410, ColorMatic 3[1]



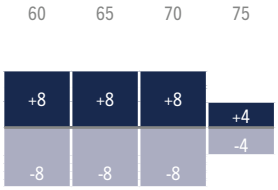
1.60

UV 400, PRO410, ColorMatic 3 (Sun), Polarised



1.50

UV 400 ColorMatic 3[1]



CYL up to +6.00 D (polarised: CYL up to +4.00 D) | Prism > 5 cm/m on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50 available), different thicknesses and variable decentered versions up to 5 mm.

* -12.00 to -18.00 only available in centered versions.

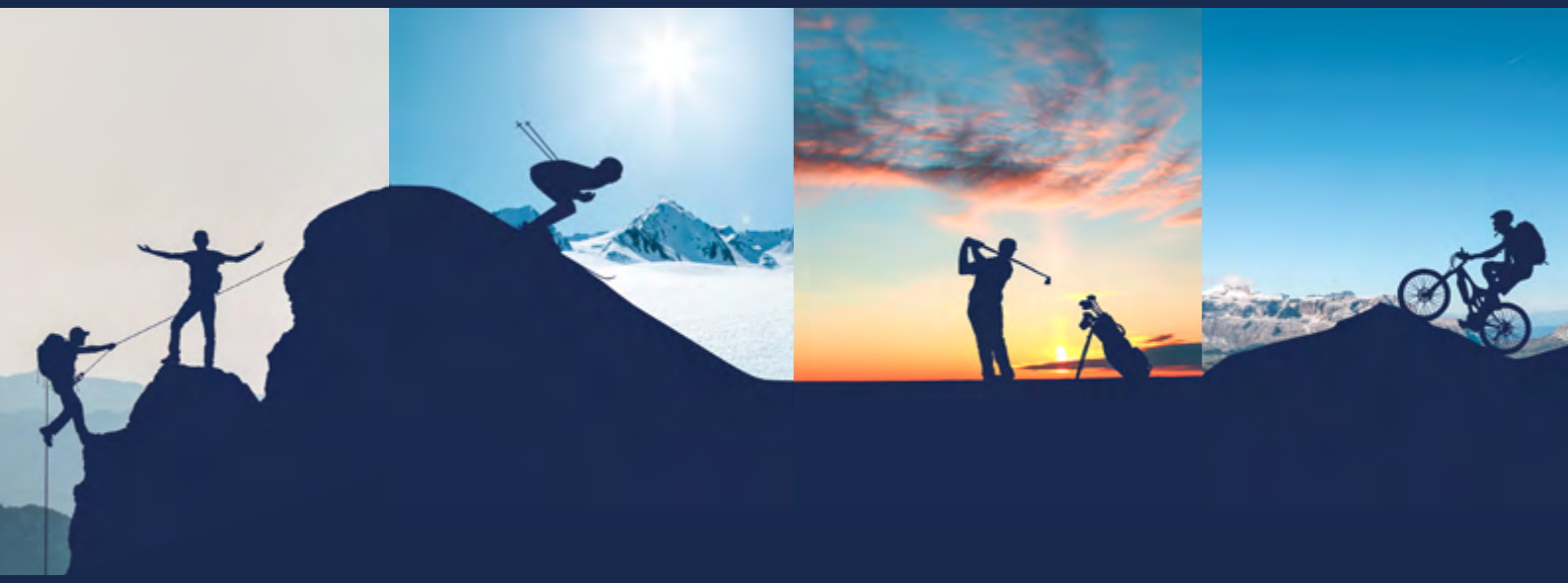
Important considerations

- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Please specify the individual parameters (Mono PD's, heights, Pantoscopic tilt, Face Form angle and vertex distances) and axis value when ordering.
- Mono+ P0.5, P0.8 and P1.1:
  - Accommodation support of 0.50, 0.80 & 1.10 D.
  - Target group: Mid-twenties to young presbyopes
  - Minimum insertion height: 18 mm
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.
- Fit with COR PD (see lens pouch).

Technical details

- EyeLT: Mono+: EyeModel included.
- Individual Visual Sensitivity index included on Sensitive lenses.
- Individual strength optimisation.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform technology.
- Easy prism handling.

1 ColorMatic 3 1.67 & 1.54: only available in Smoky Grey and Chestnut Brown.



RODENSTOCK SPORT LENSES DESIGN

The optical properties of sport lenses.

Sport frames generally have a stronger curve than normal frames for increased frame performance and a fashionable look. This means that the frame curvature is greater than in normal correction frames (see Figure 1).

The greater frame curvature in sports eyewear, the higher base curves of the lenses and the centering data result in a specific pantoscopic tilt angle of the lenses for the wearer's eyes (see Figure 2). This angle causes prismatic effects, astigmatism aberrations and refractive errors. When lenses are mounted in a high-curvature sport frame without any additional calculations, the head radius will be bent outward (see Figure 3). The wearer must force additional convergence to look straight ahead.

Sport lenses are always made with a nasal prism. This gives the head radius a straight course again after refraction, alleviating the need for additional convergence (see Figure 4). This is how lenses are optimised for each pair of sport glasses.

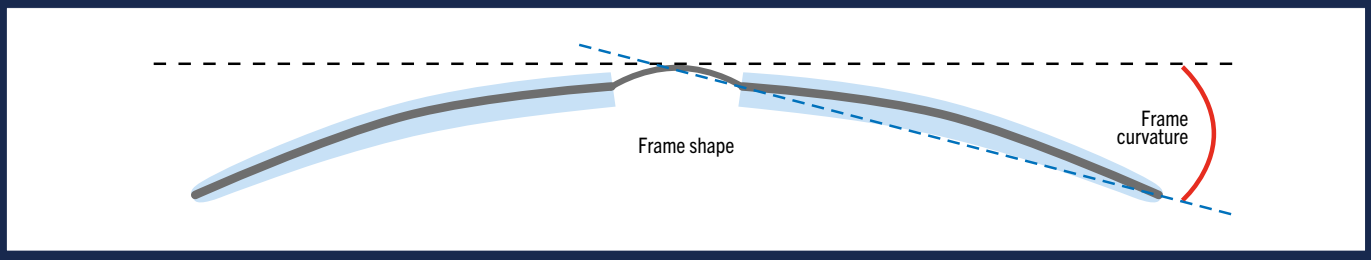


Figure 1: Frame curvature

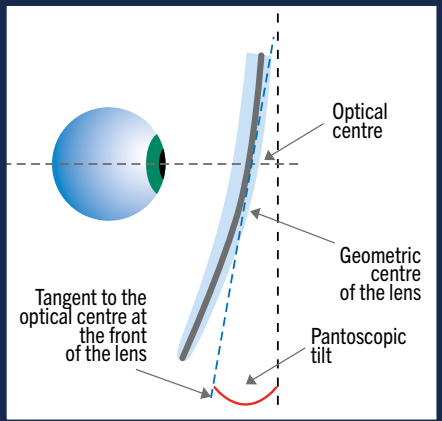


Figure 2: Angle of the lenses

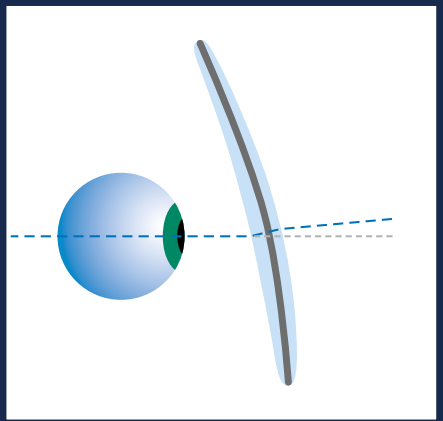


Figure 3:

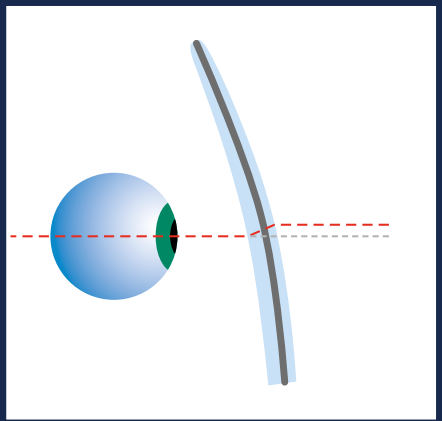


Figure 4:

Order in three steps

1. Checklist

- Sport frame selected and suitable for prescription lenses
- Properly sized sport frame
- All individual parameters measured
- Diameter availability verified
- Either in-house or via Rodenstock glazing service; faceting is not recommended on high-curvature frames to avoid inaccurate shape determination.

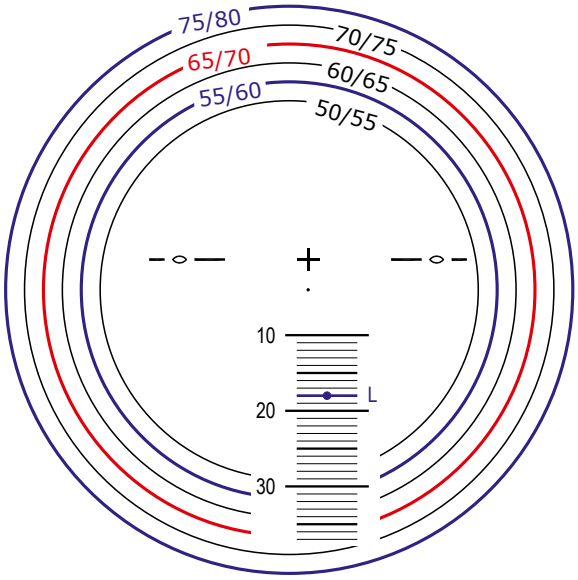
2. Determine order parameters
(mandatory fields when ordering)

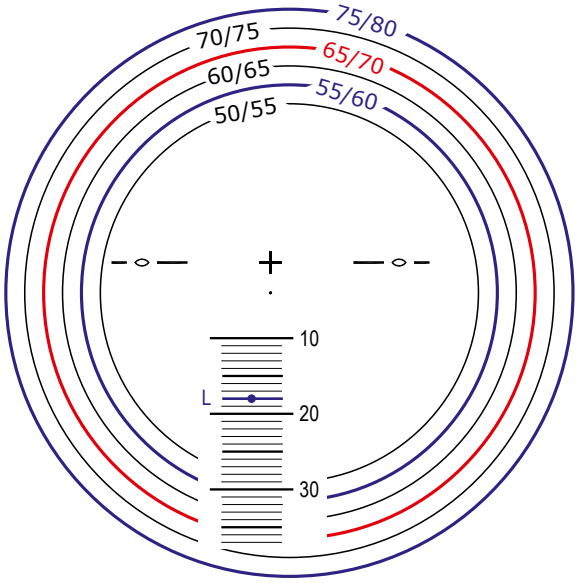
- Prescription values (addition at 40 cm, refractive index and axis angle always required for sport lenses)
- Lens type, colour and coatings
- Pupillary distance (PD in mm)
- Frame curvature (in degrees)
- Pantoscopic tilt (in degrees)
- Vertex distance (VTX in mm)
  - Frame and centering data (according to boxing system)
  - Optional: VTX of the fitting glasses
  - Specify the lens shape: Centre the lens shape precisely using the boxing system and circle the disk shape accurately. Specify the reference points exactly, using only a point.

3. Select an order method

- Rodenstock order form
- WinFit
- Send frame for lens fitting

Diameter template





	Progressive zone length	Minimal ocular height	Minimal lens height
Extra curved	18–22 mm	20 mm	28–32 mm

Shortest reading distance of 60 cm, specially adapted for sports activities.

1.67	1.60	1.50
UV 400, PRO410, ColorMatic 3[1]	UV 400, PRO410, ColorMatic 3 (Sun)	UV 400
≤75/95	≤75/95	≤75/95
+4 / -6	+4 / -6	+4 / -5
Polarised		
	≤70/90	
	+4 / -4	

CYL up to +4.00 D (polarised: CYL up to +2.00 D) | Add +1.00 up to +3.00 D | Prism on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50/60 available), different thicknesses and centered or decentered versions up to 10 mm.

Important considerations

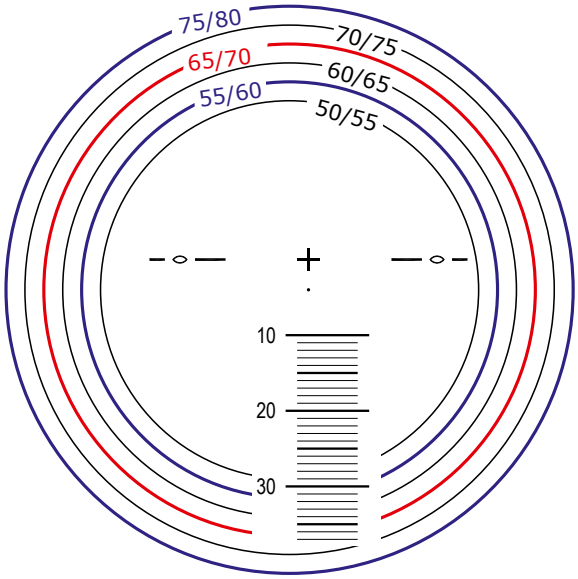
- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Near vision for Impression® B.I.G. EXACT® Sport is designed for approximately 60 cm.
- When ordering, specify the individual parameters (Mono PD's, heights, Pantoscopic tilt, Face Form angle and vertex distances) and the base curve.
- You must enter the frame and centering information when ordering to determine the optimal zone length for the frame. If unspecified, the default is -18.
- For optimal results, you can specify the individual reading distance and the reading distance during refraction separately.
- Rodenstock calculates the variable decentering up to 10 mm when you specify frame and centering data. Diameter up to 75/95 mm available.
- Extremely high base curves may not be possible for higher myopia. In that case, we will produce the highest possible base curve.
- Fit with COR PD (see lens pouch).

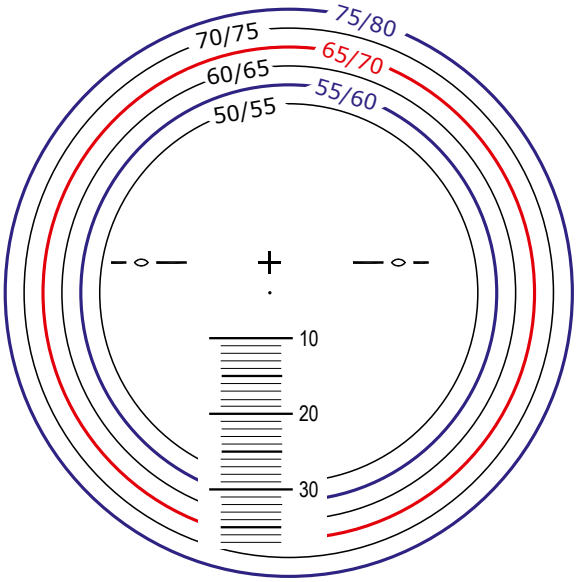
Technical details

- Particularly suitable for sport lenses due to specification of the base curve and large usable diameters.
- EyeLT: - EyeModel including.
- Design optimised for sports activities.
- Individual Visual Sensitivity index included on Sensitive lenses.
- Individual strength optimisation.
- Individually optimised inset for maximum binocular field of view.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform Technology.
- Easy prism handling.

1 ColorMatic 3 1.67: only available in Smoky Grey and Chestnut Brown.

Diameter template





1.67*	1.60	1.50
UV 400, PRO410, ColorMatic 3[1]	UV 400, PRO410, ColorMatic 3 (Sun)	UV 400, PRO410
≤75/95	≤75/95	≤75/95
+4 / -6	+4 / -6	+4 / -5
	Polarised	
	≤70/90	
	+4 / -4	

CYL up to +4.00 D (polarised: CYL up to +2.00 D) | Prism on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50 available) and variable decentered versions up to 10 mm.

Important considerations

- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Rodenstock calculates the variable decentering up to 10 mm when you specify frame and centering data. Diameter up to 75/95 mm available.
- Fit with COR PD (see lens pouch).

Technical details

- Particularly suitable for sports glasses due to specification of the base curve and large usable diameters.
- Design optimised for sports activities.
- Individual Visual Sensitivity index included on Sensitive lenses.
- Individual strength optimisation.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform Technology.
- Easy prism handling.

1 ColorMatic 3 1.67: only available in Smoky Grey and Chestnut Brown.

MULTIGRESSIV®

The optimised Rodenstock progressive lens for sharp vision. The lens is optimised for the standard parameters of the frame fit and individual pupil distance and refraction data.

RODENSTOCK

MULTIGRESSIV® INFORMATION

In addition to the biometry of the eye, Multigressiv® B.I.G. EXACT® and Multigressiv® B.I.G. NORM® lenses also consider the customer's lifestyle thanks to the design types: Active, Allround, Expert and Road, Book, PC and Room. The design types have the same design as Impression® B.I.G. EXACT® and Impression® B.I.G. NORM®. For further information please see the lifestyle variants on pages 53-61.

Standard values are assumed for the individual parameters corneal vertex distance, pantoscopic tilt or face form angle.

Spherical-cylindrical power optimisation
All Rodenstock Multigressiv® B.I.G. EXACT® and Multigressiv® B.I.G. NORM® lenses are calculated online by means of spherical-cylindrical power optimisation. Also here, the individual lens geometry and all ordered refraction data (sphere, cylinder, axis, prism, base) are included in the optimisation. The difference to the individual power optimisation is that a standard as-worn position is presumed for pupil distance, corneal vertex distance, pantoscopic tilt and face form angle. Also for the spherical-cylindrical power optimisation, the optimisation takes place not only at individual reference points, but is calculated across the entire surface of the lens. Therefore, the largest possible vision areas and excellent visual comfort are guaranteed.

The other technologies used for Multigressiv® B.I.G. EXACT® and Multigressiv® B.I.G. NORM® can be found in the overview table following.

THE B.I.G. VISION® LENS PORTFOLIO: MULTIGRESSIV® LENSES TECHNOLOGY OVERVIEW

B.I.G. VISION® LENS PORTFOLIO TECHNOLOGIES

Rodenstock Proprietary Technologies	Visual Sensitiviy Index	Individual Visual Sensitivity	
	DNEye® Technology	Exact biometric eye model	
	AI Technology	Approximate biometric eye model	
	Eye Lens Technology	Effective near astigmatism	
		Listing far & near	
		Individual near refraction (optional)	
Rodenstock Innovation Technologies	Individual Lens Technology	FFA, PT, CVD	
		Variable reading distance	
		PD	
	Flexible Design Technology	Individual Design	
		Active / Expert / Road	
		Allround	
		Book / PC / Room	
		Individual DF	
	Power optimisation	Quality of power optimisation	
Rodenstock Core Technologies	Progression	Variable / Frame optimised	
		L, M, S	
	Degression	Variable / Frame optimised	
		Addition- and design depending	
	Accommodation assistance (Mono+)	0.5 D / 0.8 D / 1.1 D	
	Inset/ Near Vision Optimsation	Individual Design	
		PD-optimised	
		Individual refraction data	
		Spherical Equivalent	
	Wave front calculated in position of wear		
	Free form produced on finely stepped BC system		
	Easy prism handling		

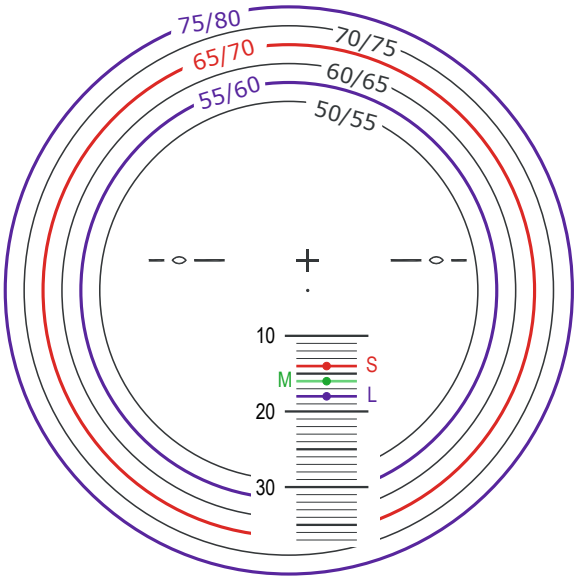
	B.I.G. EXACT®			B.I.G. NORM®		
	Multigressiv® B.I.G. EXACT®	Multigressiv® B.I.G. EXACT® Ergo®	Multigressiv® B.I.G. EXACT® Mono / Mono+	Multigressiv® B.I.G. NORM®	Multigressiv® B.I.G. NORM® Ergo®	Multigressiv® B.I.G. NORM® Mono / Mono+
	✓	✓	✓			
				✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓		✓	✓	
	✓	✓		✓	✓	
	✓	✓	✓	✓	✓	✓
	✓			✓	✓	
	✓			✓		
		✓			✓	
	sphero-cylindrical power-optimisation	sphero-cylindrical power-optimisation	sphero-cylindrical power-optimisation	sphero-cylindrical power-optimisation	sphero-cylindrical power-optimisation	sphero-cylindrical power-optimisation
	✓			✓		
	✓			✓		
		✓			✓	
		✓			✓	
			✓			✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓

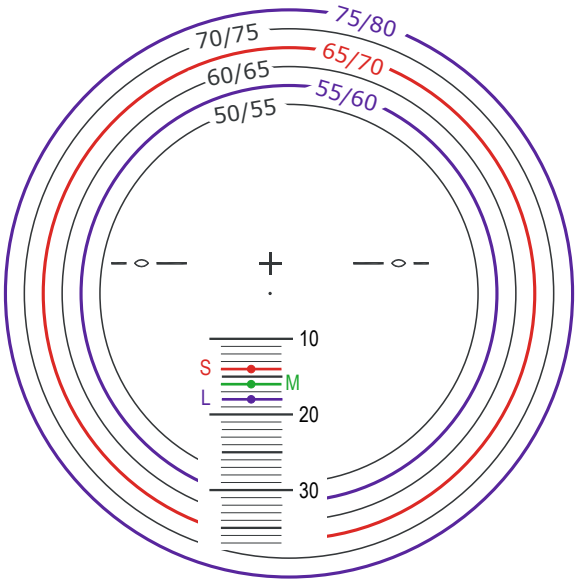
MULTIGRESSIV® LIFESTYLE VARIANTS

Allround, Active, Expert and Road in Varifocals.
Book, PC and Room in Near Comfort Lenses.
Mono+ with supportive plus powers.

Please see the Lifestyle Variants Chapter on pages 53-61 for further information.

Diameter template

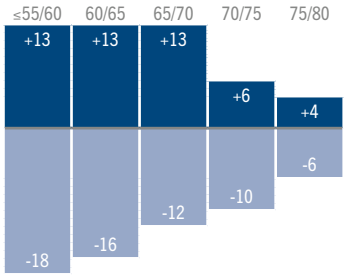




	Progressive zone length	Minimal ocular height	Minimal lens height	DN
Active [mm]	13-18	17-22	23-28	-15 to -20
Allround [mm]	(V)13-19 (S)14 (M)16 (L)18	(V)16-22 (S)16 (M)18 (L)20	(V)23-29 (S)24 (M)26 (L)28	(V)13-19 (S)-14 (M)-16 (L)-18
Expert [mm]	14-21	15-22	24-31	-13 to -20
Road [mm]	14-20	16-22	24-30	-14 to -20

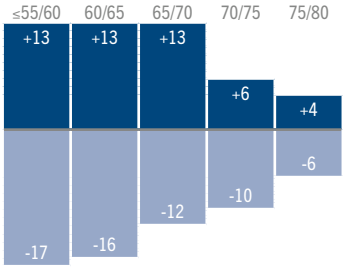
1.74*

UV 400



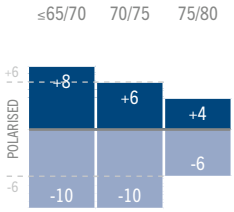
1.67*

UV 400, PRO410, ColorMatic 3[1]



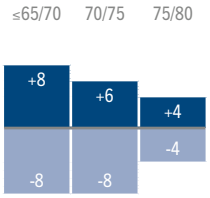
1.60

UV 400, PRO410, ColorMatic 3 (Sun), Polarised



1.50

UV 400 ColorMatic 3[1]



CYL up to +6.00 D (polarised: CYL up to +4.00 D) | Add +0.75 to +3.50 D | Prism on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50/55 available), special thicknesses and centered or decentered versions up to 5 mm.

*max. Optical diameter and centering depending on the power.

Important considerations

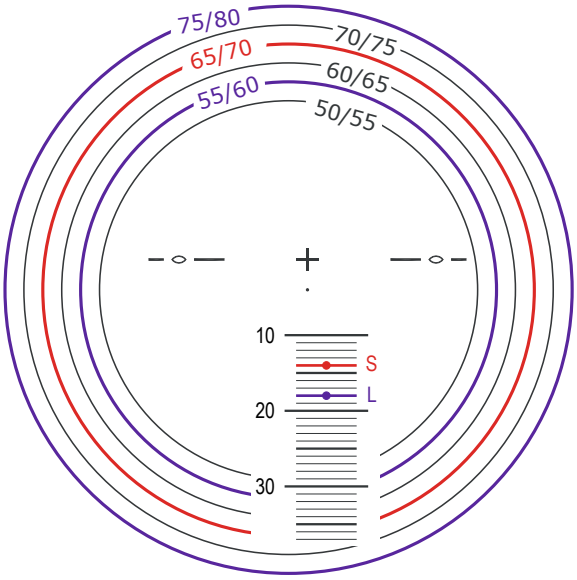
- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- You can use the CNXT Select programme to choose between the Active, Allround, Expert and Road design types.
- You must enter the frame and centering information when ordering to determine the optimal zone length for the frame. If unspecified, the default is -18.
- For optimal results, you can specify the individual reading distance and the reading distance during refraction separately. The default reading distance is 40 cm.
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.
- Fit with COR PD (see lens pouch).

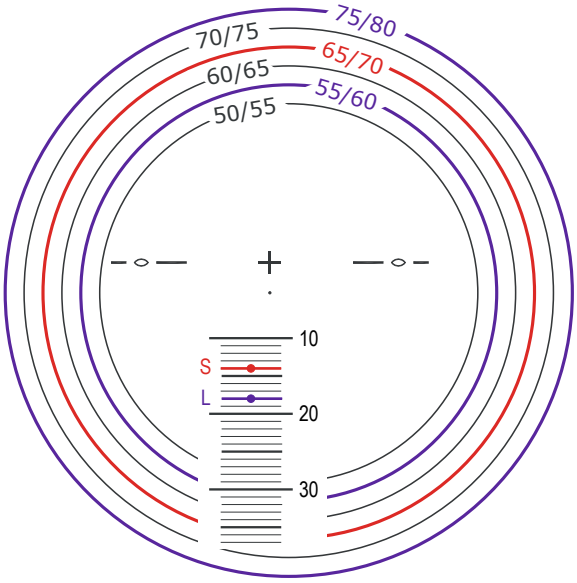
Technical details

- EyeLT: - EyeModel included
  - Individual Near-refraction (Optional)
- Design types: Active, Allround, Expert and Road.
- Spherical-cylindrical strength optimisation.
- PD-optimised inset.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform Technology.
- Easy prism handling.

1 ColorMatic 3 1.67 & 1.54: only available in Smoky Grey and Chestnut Brown.

Diameter template

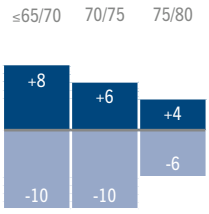




	Minimal ocular height	Minimal lens height	DN	DM
Book [mm] [S]	16-22	24-30	-14 to -20	0
PC [mm] [L]	16-22	24-30	-14 to -20	0
Room [mm] [L]	16-22	24-30	-14 to -20	-2

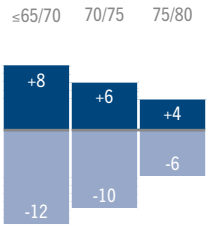
1.74

UV 400



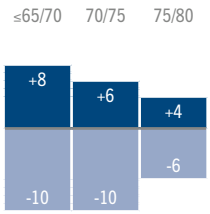
1.67

UV 400, PRO410



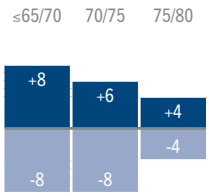
1.60

UV 400, PRO410



1.50

UV 400



CYL up to +6.00 D | Add +0.75 to +3.50 D | Prism > 5 cm/m on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50/55 available), different thicknesses and centered or variable decentered versions up to 5 mm.

Important considerations

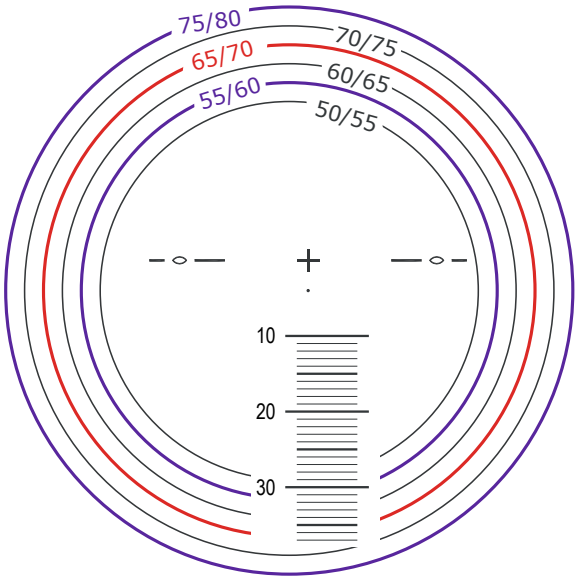
- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Please specify the distance strength and addition when ordering.
- For optimal results, you can specify the individual reading distance and the reading distance during refraction separately. The default reading distance is 40 cm.
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.
- Fit with COR PD (see lens pouch) or distance PD.

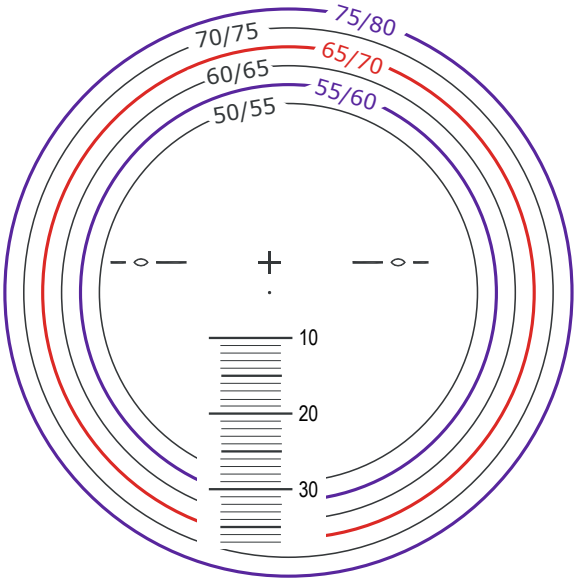
Technical details

- 3 design types Book / PC / Room.
- Spherical-cylindrical strength optimisation.
- PD and strength-optimised inset for maximum binocular field of view.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform technology.
- Easy prism handling.

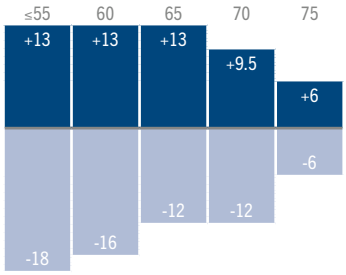
1 Depending on DN DN: minimum lens height: (DN-DM) +8mm, minimum fitting height: DN +2mm.

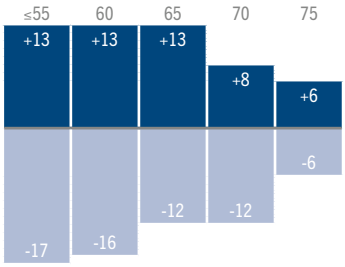
Diameter template

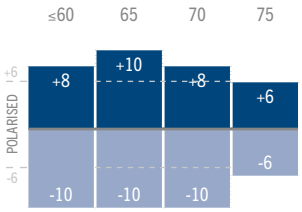


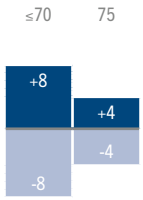


1.74*	1.67*	1.60	1.50
UV 400	UV 400, PRO410, ColorMatic 3[1]	UV 400, PRO410, ColorMatic 3 (Sun), Polarised	UV 400 ColorMatic 3[1]









CYL up to +6.00 D (polarised: CYL up to +4.00 D) | Prism > 5 cm/m on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50 available), different thicknesses and variable decentered versions up to 5 mm.
* -12.00 to -18.00 only available in centered versions.

Important considerations

- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- For best results, please specify the individual PD.
- Mono+ P0.5, P0.8 and P1.1:
  - Accommodation support of 0.50, 0.80 & 1.10 D.
  - Target group: Mid-twenties to young presbyopes
  - Minimum insertion height: 18 mm
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.
- Fit with COR PD (see lens pouch).

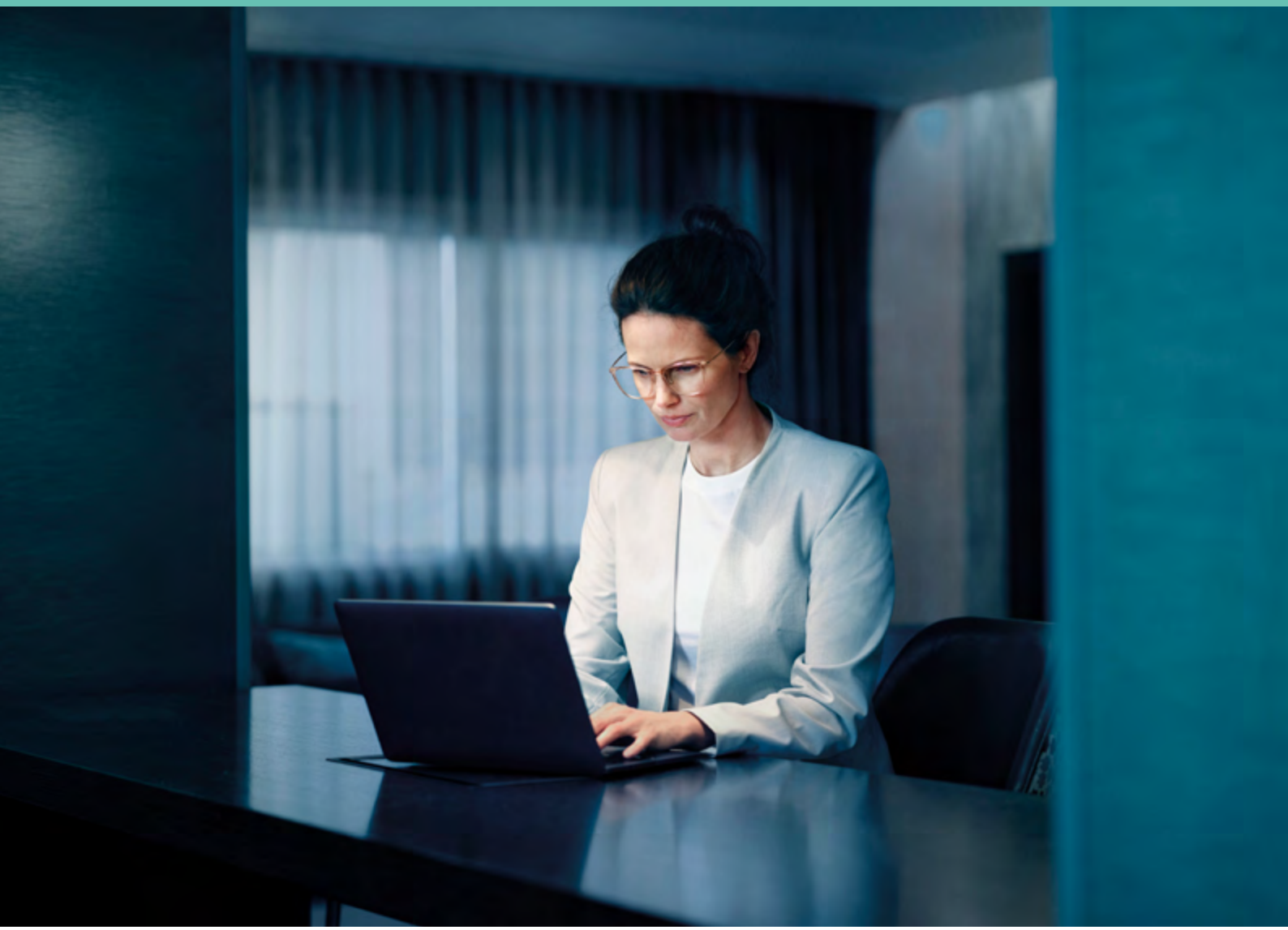
Technical details

- EyeLT: Mono+: EyeModel included.
- Spherical-cylindrical strength optimisation.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform technology.
- Easy prism handling.

1 ColorMatic 3 1.67 & 1.54: only available in Smoky Grey and Chestnut Brown.

PROGRESSIV/ COSMOLIT B.I.G.

RODENSTOCK



PROGRESSIV/COSMOLIT B.I.G. INFORMATION

The biometry of the eye is taken into account for Progressiv B.I.G. EXACT® and Progressiv B.I.G. NORM®. These lenses are offered as design type Allround, Book, PC and Room, and are optimised directly online on receipt of order and for the entire lens. Due to the spherical power optimisation, customers with spherical refraction data in particular benefit from the largest possible fields of vision.

The other technologies used for Progressiv B.I.G. EXACT® and Progressiv B.I.G. NORM® can be found in the overview table following.

THE B.I.G. VISION® LENS PORTFOLIO: PROGRESSIV/COSMOLIT B.I.G. LENSES TECHNOLOGY OVERVIEW

B.I.G. VISION® LENS PORTFOLIO TECHNOLOGIES			
Rodenstock Proprietary Technologies	Visual Sensitiviy Index	Individual Visual Sensitivity	
	DNEye® Technology	Exact biometric eye model	
	AI Technology	Approximate biometric eye model	
	Eye Lens Technology	Effective near astigmatism	
		Listing far & near	
		Individual near refraction (optional)	
Rodenstock Innovation Technologies	Individual Lens Technology	FFA, PT, CVD	
		Variable reading distance	
		PD	
	Flexible Design Technology	Individual Design	
		Active / Expert / Road	
		Allround	
		Book / PC / Room	
		Individual DF	
	Power optimisation	Quality of power optimisation	
Rodenstock Core Technologies	Progression	Variable / Frame optimised	
		L, M, S	
	Degression	Variable / Frame optimised	
		Addition- and design depending	
	Accommodation assistance (Mono+)	0.5 D / 0.8 D / 1.1 D	
	Inset/ Near Vision Optimsation	Individual Design	
		PD-optimised	
		Individual refraction data	
		Spherical Equivalent	
	Wave front calculated in position of wear		
	Free form produced on finely stepped BC system		
	Easy prism handling		

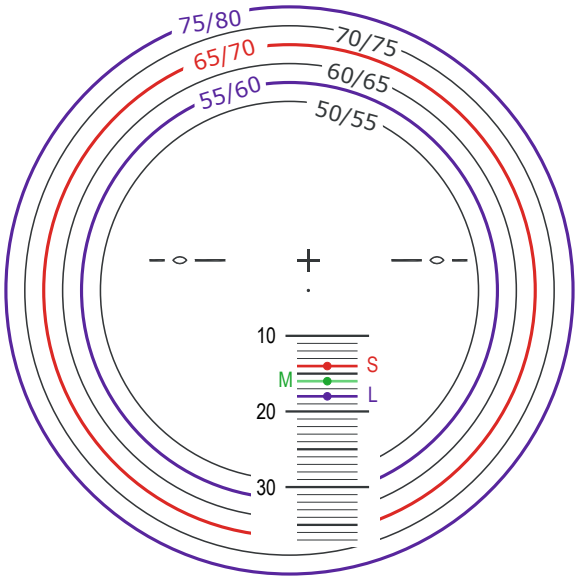
	B.I.G. EXACT®			B.I.G. NORM®		
	Progressiv B.I.G. EXACT®	Progressiv B.I.G. EXACT® Ergo®	Cosmolit B.I.G. EXACT® Mono / Mono+	Progressiv B.I.G. NORM®	Progressiv B.I.G. NORM® Ergo®	Cosmolit B.I.G. NORM® Mono / Mono+
	✓	✓	✓			
				✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓		✓	✓	
	✓	✓		✓	✓	
	✓	✓	✓	✓	✓	✓
	✓			✓		
		✓			✓	
	spherical power-optimisation	spherical power-optimisation	spherical power-optimisation	spherical power-optimisation	spherical power-optimisation	spherical power-optimisation
	✓			✓		
	✓			✓		
		✓			✓	
		✓			✓	
			✓			✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓	✓

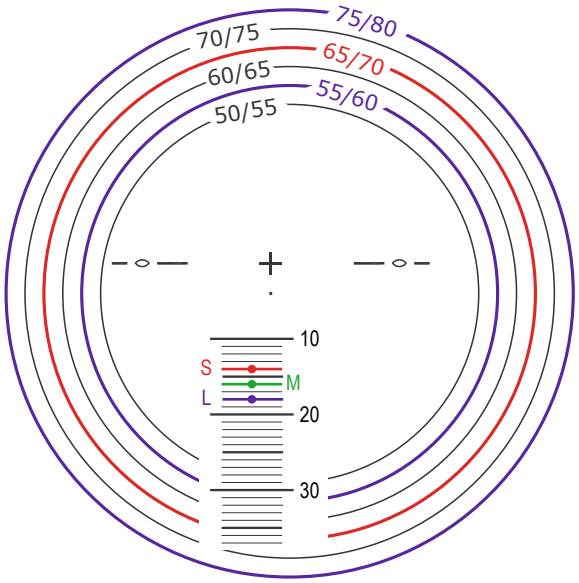
PROGRESSIV/COSMOLIT B.I.G. LIFESTYLE VARIANTS

Allround design in Varifocals.
Book, PC and Room in Near Comfort Lenses.
Mono+ with supportive plus powers.

Please see the Lifestyle Variants Chapter on pages 53-61 for further information.

Diameter template

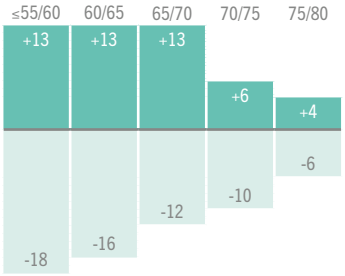




	Progressive zone length	Minimal ocular height	Minimal lens height	DN
Allround [mm]	(V)13-19 (S)14 (M)16 (L)18	(V)16-22 (S)16 (M)18 (L)20	(V)23-29 (S)24 (M)26 (L)28	(V)13-19 (S)-14 (M)-16 (L)-18

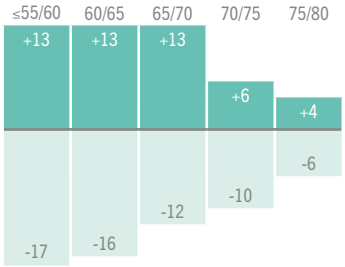
1.74*

UV 400



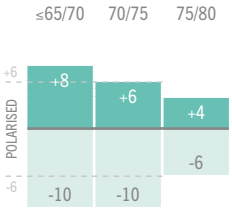
1.67*

UV 400, PRO410, ColorMatic 3[1]



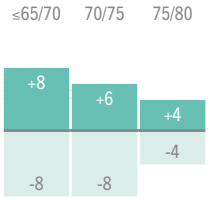
1.60

UV 400, PRO410, ColorMatic 3 (Sun), Polarised



1.50

UV 400 ColorMatic 3[1]



CYL up to +6.00 D (polarised: CYL up to +4.00 D) | Add +0.75 to +3.50 D | Prism > 5 cm/m on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50/55 available), special thicknesses or centered versions.

*Max. optical diameter and centering depending on the power.

Important considerations

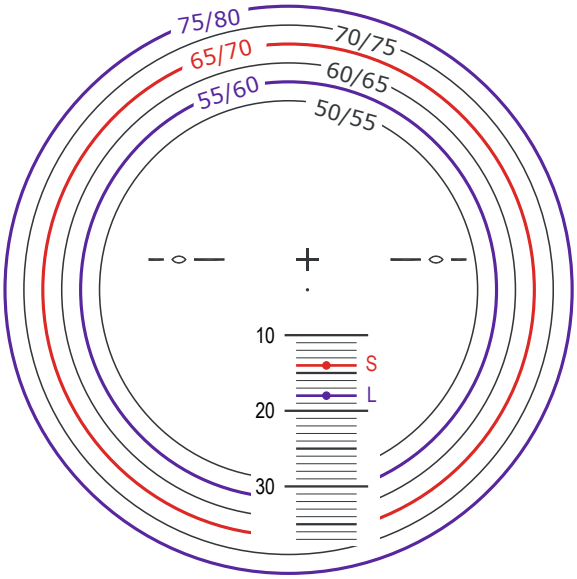
- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- You must enter the frame and centering information when ordering to determine the optimal zone length for the frame. If unspecified, the default is -18.
- For optimal results, you can specify the individual reading distance and the reading distance during refraction separately. The default reading distance is 40 cm.
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.
- Fit with COR PD (see lens pouch).

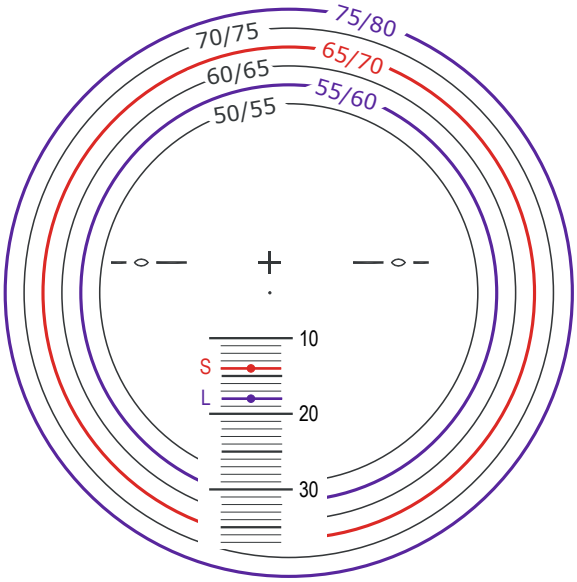
Technical details

- EyeLT: - EyeModel included
  - Individual Near-refraction (Optional)
- Design: Allround.
- Spherical power optimisation.
- Power optimised inset.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform Technology.
- Easy prism handling.

1 ColorMatic 3 1.67 & 1.54: only available in Smoky Grey and Chestnut Brown.

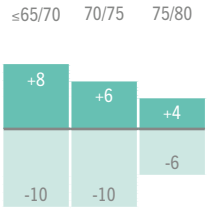
Diameter template

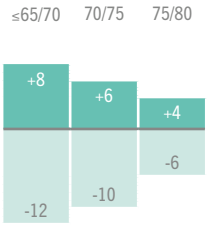


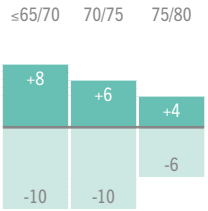


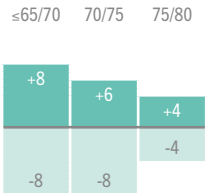
	Minimal ocular height	Minimal lens height	DN	DM
Book [mm] [S]	16-22	24-30	-14 to -20	0
PC [mm] [L]	16-22	24-30	-14 to -20	0
Room [mm] [L]	16-22	24-30	-14 to -20	-2

1.74	1.67	1.60	1.50
UV 400	UV 400, PRO410	UV 400, PRO410	UV 400









CYL up to +6.00 D | Add +0.75 to +3.50 D | Prism > 5 cm/m on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50/55 available), different thicknesses and Centered or variable decentered versions up to 5 mm.

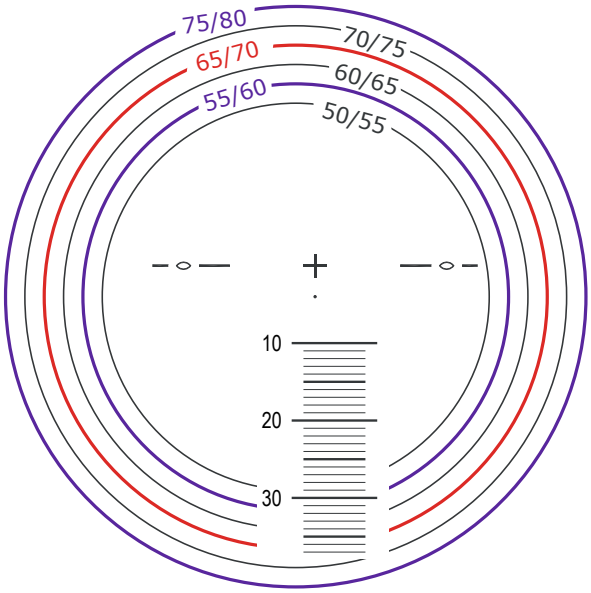
Important considerations

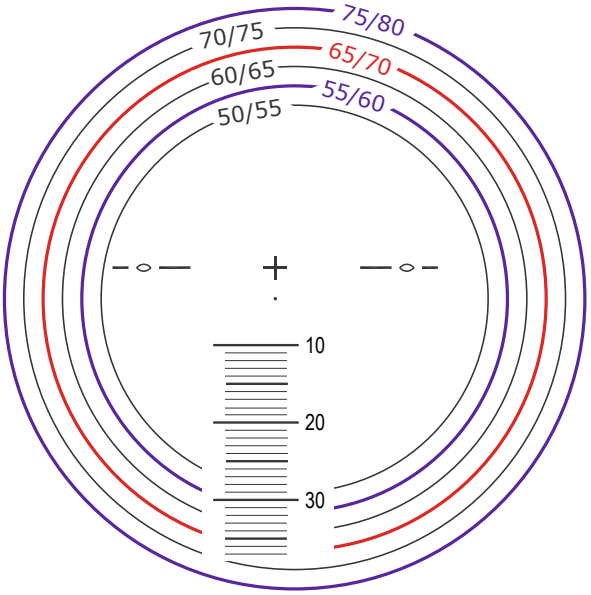
- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Please specify the distance strength and addition when ordering.
- For optimal results, you can specify the individual reading distance and the reading distance during refraction separately. The default reading distance is 40 cm.
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.
- Fit with COR PD (see lens pouch) or distance PD.

Technical details

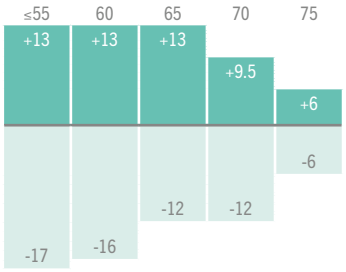
- 3 design types Book / PC / Room.
- Spherical strength optimisation.
- PD and strength-optimised inset for maximum binocular field of view.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform technology.
- Easy prism handling.

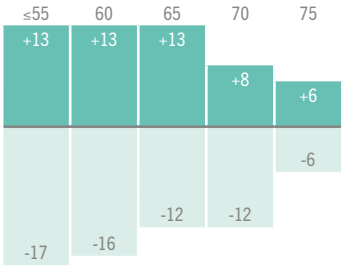
Diameter template

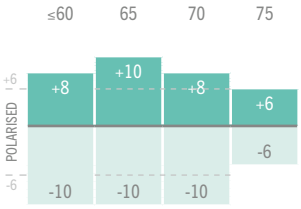


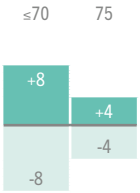


1.74*	1.67*	1.60	1.50
UV 400	UV 400, PRO410, ColorMatic 3[1]	UV 400, PRO410, ColorMatic 3 (Sun), Polarised	UV 400, ColorMatic 3[1]









CYL up to up to +6.00 D | Prism > 5 cm/m on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50 available), different thicknesses and variable decentered versions up to 5 mm.

* -12.00 to -18.00 only available in centered versions.

Important considerations

- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- For best results, please specify the individual PD.
- Mono+ P0.5, P0.8 and P1.1:
  - Accommodation support of 0.50, 0.80 & 1.10 D.
  - Target group: Mid-twenties to young presbyopes
  - Minimum insertion height: 18 mm
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.
- Fit with COR PD (see lens pouch).

Technical details

- EyeLT: Mono+: EyeModel included.
- Spherical power optimisation.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform technology.
- Easy prism handling.

[1] ColorMatic 3 1.67 & 1.54: only available in Smoky Grey and Chestnut Brown.


STANDARD
RODENSTOCK

STANDARD LIFESTYLE VARIANTS

Book, PC and Room in Near Comfort Lenses.
NEW - Perfalit Mono+ with supportive plus powers.

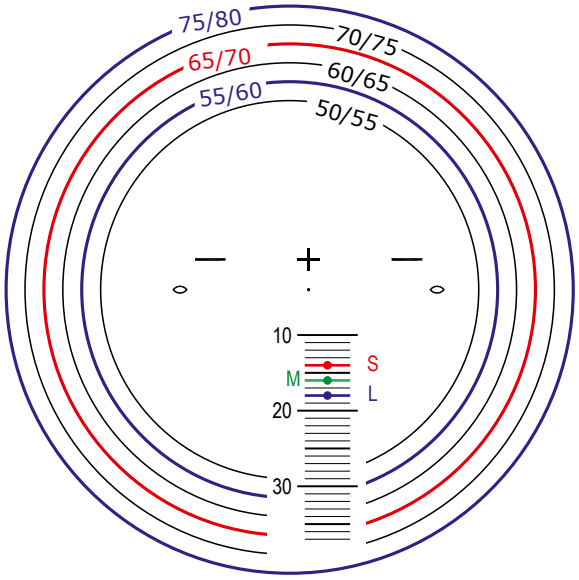
Please see the Lifestyle Variants Chapter on pages 53-61 for further information.

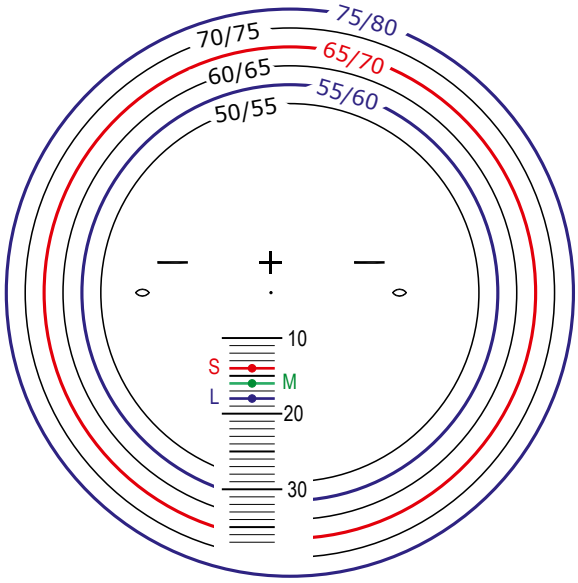
THE STANDARD LENS PORTFOLIO: STANDARD LENSES TECHNOLOGY OVERVIEW

STANDARD LENS PORTFOLIO TECHNOLOGIES			
Rodenstock Proprietary Technologies	Visual Sensitiviy Index	Individual Visual Sensitivity	
	DNEye® Technology	Exact biometric eye model	
	AI Technology	Approximate biometric eye model	
	Eye Lens Technology	Effective near astigmatism	
		Listing far & near	
		Individual near refraction (optional)	
Rodenstock Innovation Technologies	Individual Lens Technology	PD & FFA	
		Variable reading distance	
		PD	
	Flexible Design Technology	Individual Design	
		Active / Expert / Road	
		Allround	
		Book / PC / Room	
		Individual DF	
	Power optimisation	Quality of power optimisation	
Rodenstock Core Technologies	Progression	Variable / Frame optimised	
		L, M, S	
	Degression	Variable / Frame optimised	
		Addition- and design depending	
	Accommodation assistance (Mono+)	0.5 D / 0.8 D	
	Inset/ Near Vision Optimsation	Individual Design	
		PD-optimised	
		Individual refraction data	
		Spherical Equivalent	
	Wave front calculated in position of wear		
	Free form produced on finely stepped BC system		
	Easy prism handling		

	STANDARD					
	Progressiv Life	Progressiv Ergo	Cosmolit	Perfalit	Progressiv Sport	Perfalit Sport
	✓	✓			✓	
	✓	✓			✓	
					✓	✓
	✓				✓	✓
		✓				
	spherical power-optimisation	spherical power-optimisation			spherical power-optimisation	spherical power-optimisation
	✓					
		✓				
				✓		
	✓				✓	
					✓	
	✓	✓				
	✓	✓			✓	✓
	✓	✓			✓	✓

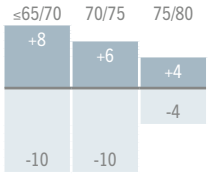
Diameter template

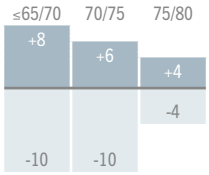


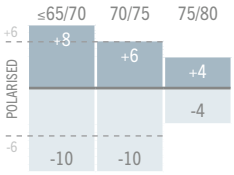


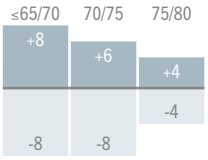
	Progressive zone length	Minimal ocular height	Minimal lens height
L	18 mm	20 mm	28 mm
M	16 mm	18 mm	26 mm
S	14 mm	16 mm	24 mm

1.74	1.67	1.60	1.50
UV 400	UV 400, PRO410, ColorMatic 3[1]	UV 400, PRO410, ColorMatic 3 (Sun), Polarised	UV 400 ColorMatic 3[1]









CYL up to +6.00 D (polarised: CYL up to +4.00 D) | Add +0.75 to +3.50 D | Prism > 5 cm/m on request | Different powers may be possible on request

Important considerations

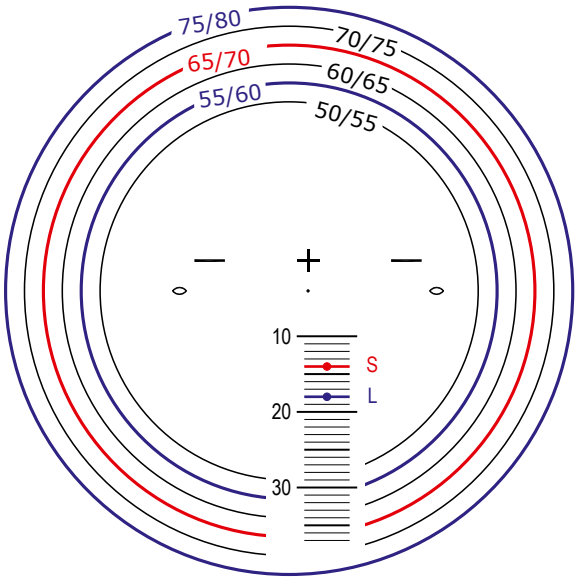
- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.

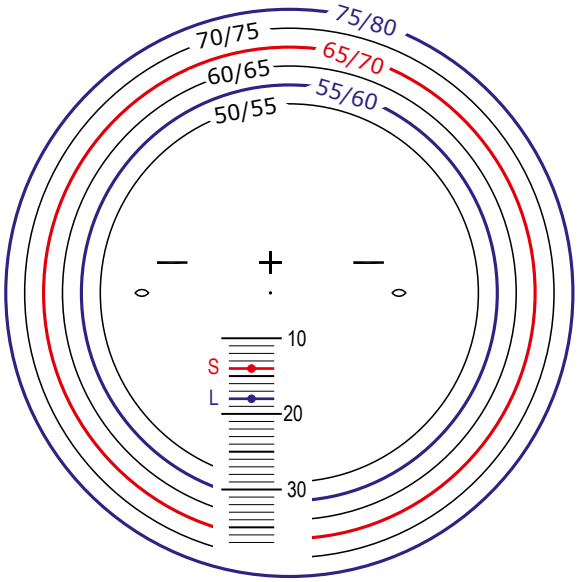
Technical details

- EyeLT: - EyeModel including.
- Spherical power optimisation.
- Power optimised inset.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform Technology.

1 ColorMatic 3 1.67 & 1.54: only available in Smoky Grey and Chestnut Brown.

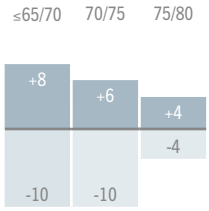
Diameter template

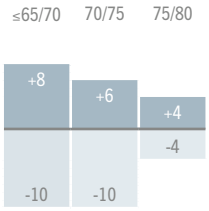


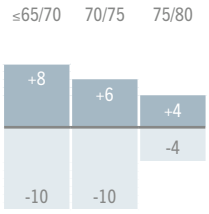


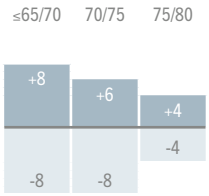
	Minimal ocular height	Minimal lens height	DN	DM
Book [mm] [S]	16	24	-14	0
PC [mm] [L]	20	28	-18	0
Room [mm] [L]	20	28	-18	-2

1.74	1.67	1.60	1.50
UV 400	UV 400, PRO410	UV 400, PRO410	UV 400









CYL up to +6.00 D | Add +0.75 to +3.50 D | Prism > 5 cm/m on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50/55 available), different thicknesses and Centered or variable decentered versions up to 5 mm.

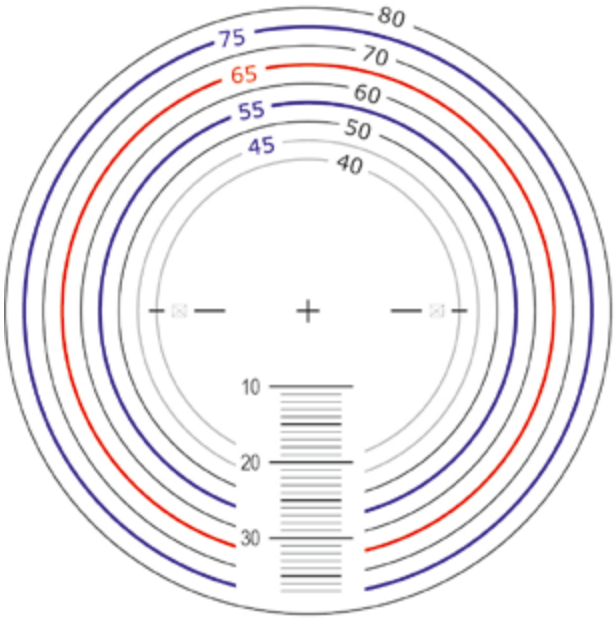
Important considerations

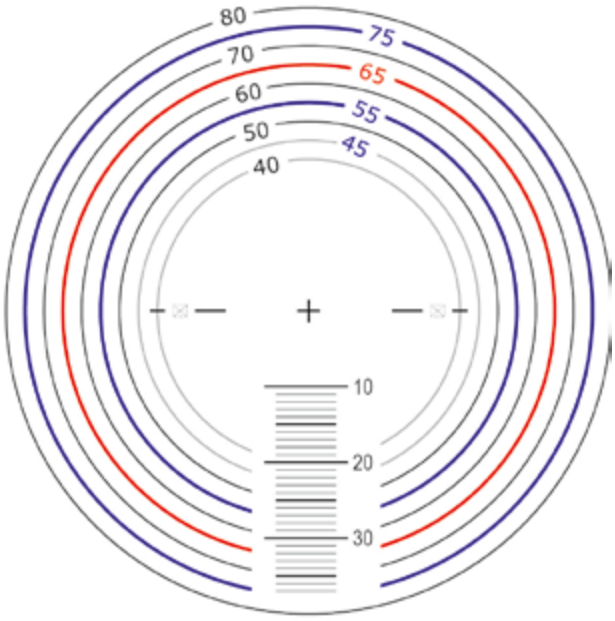
- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Please specify the distance strength and addition when ordering.
- Rodenstock calculates variable decentering up to 5 mm when you specify frame and centering data.

Technical details

- 3 design types Book/PC/Room.
- Spherical strength optimisation.
- Strength-optimised inset for maximum binocular field of view.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform technology.

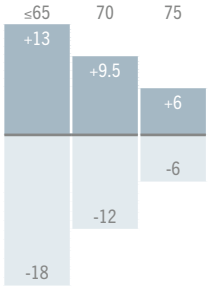
Diameter template





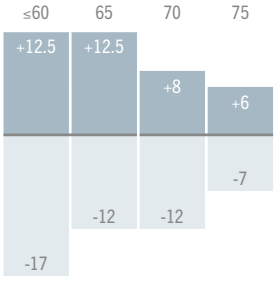
1.74

UV 400



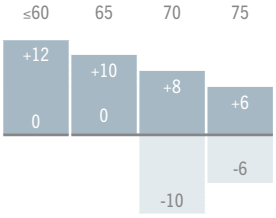
1.67

UV 400, PRO410, ColorMatic 3[1]



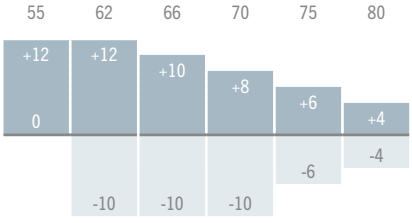
1.60

UV 400, PRO410, ColorMatic 3 (Sun)

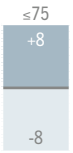


1.50

UV 400



ColorMatic 3[1]



CYL up to +5.00 D (1.67 CYL up to +6.00 and 1.74 CYL up to +6.00) | Prism > 5 cm/m on request | Different powers may be possible on request.

Important considerations

- Aspheric manufacture; lower heights by 1mm for every 2° of pantoscopic tilt

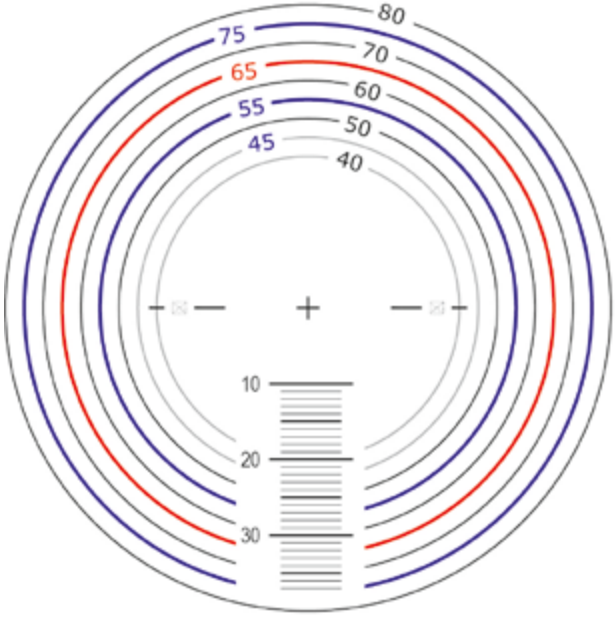
Technical details

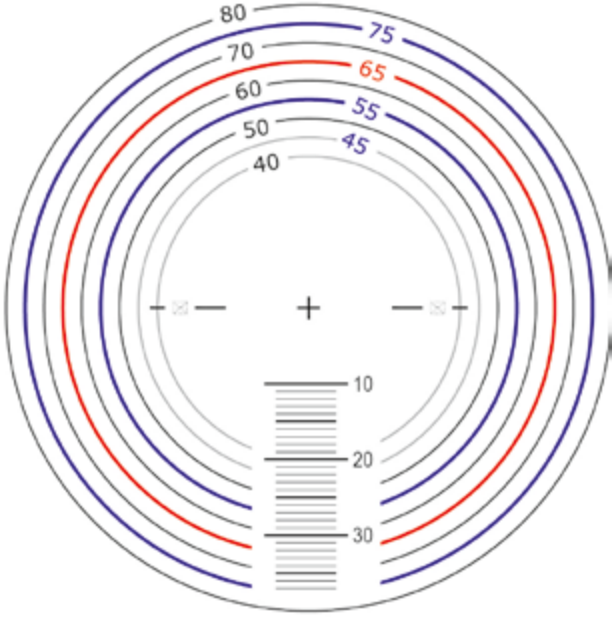
- Aspheric lens design.
- Crisper vision near the edge of the lens, resulting in reduced distortion.
- Small-step base curve system for an aesthetic fit

See pages 48–49 for stocked versions.

1 ColorMatic 3.1.67: only available in Smoky Grey and Chestnut Brown.

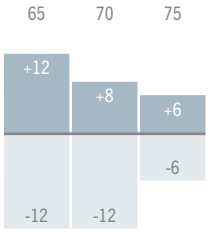
Diameter template





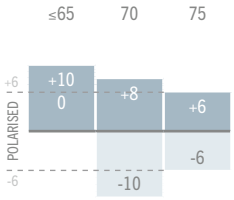
1.67

UV 400, PRO410, ColorMatic 3[1]



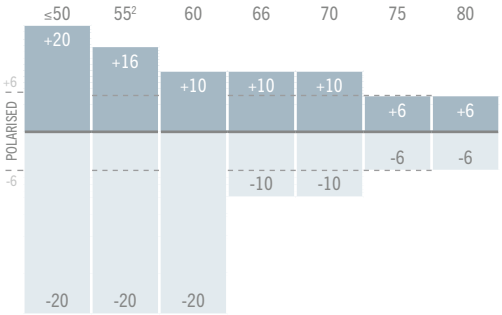
1.60

UV 400, PRO410, ColorMatic 3 (Sun), Polarised

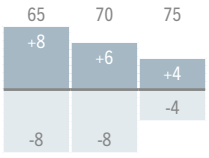


1.50

UV 400, Polarised



ColorMatic 3[1]



CYL up to +5.00 D (polarised CYL up to 4.00 D) | Prism > 5 cm/m on request | Different powers may be possible on request.

Important considerations

- From -10.00 D: see also Formlenti Plano (Manufaktur Specials)
- For polarised lenses, please specify the axis value.

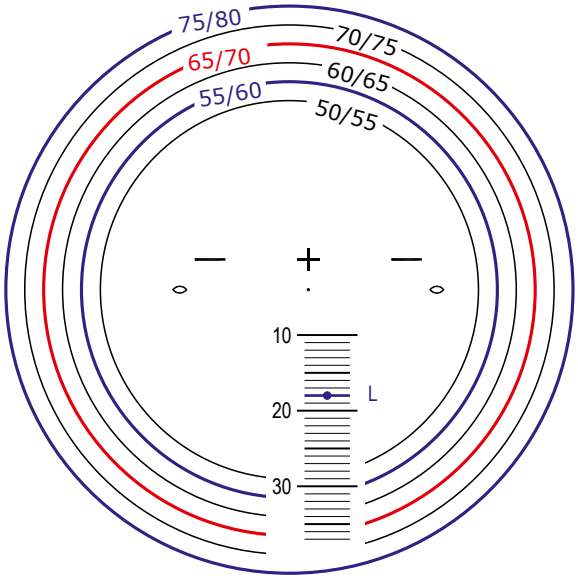
Technical details

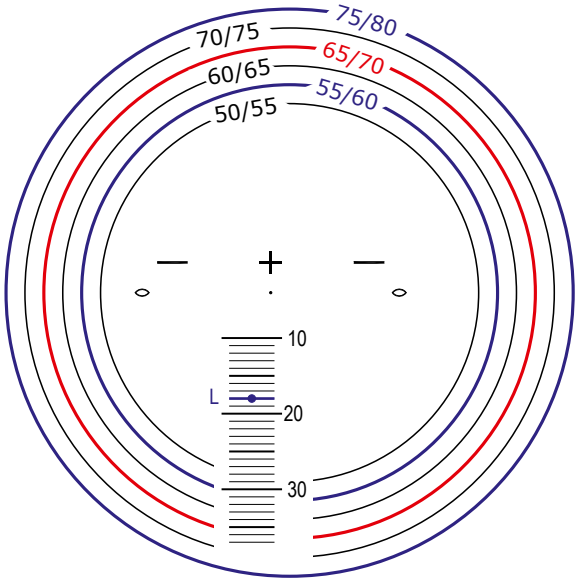
- Spherical lens design.
- Wide range.
- Small-step base curve system for an aesthetic fit

1 ColorMatic 3 1.67 & 1.54: only available in Smoky Grey and Chestnut Brown. | 2 The optical usable diameter is (depending on the strength): from -10.25 D to -14.00 D: ca. 52 mm from -14.25 D to -16.00 D: ca. 46 mm from -16.25 D to -20.00 D: ca. 40 mm

See pages 48-49 for stocked versions.

Diameter template





	Progressive zone length	Minimal ocular height	Minimal lens height
Extra curved	18 mm	20 mm	28 mm

Shortest reading distance of 60 cm, specially adapted for sports activities.

1.67	1.60	1.50
UV 400, PRO410, ColorMatic 3[1]	UV 400, PRO410, ColorMatic 3 (Sun)	UV 400
≤75/95	≤75/95	≤75/95
+4 / -6	+4 / -6	+4 / -5

Polarised
≤70/90
+4 / -4

CYL up to +4.00 D (polarised: CYL up to +2.00 D) | Add +1.00 up to +3.00 D | Prism on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50/60 available), different thicknesses and centered or decentered versions up to 10 mm.

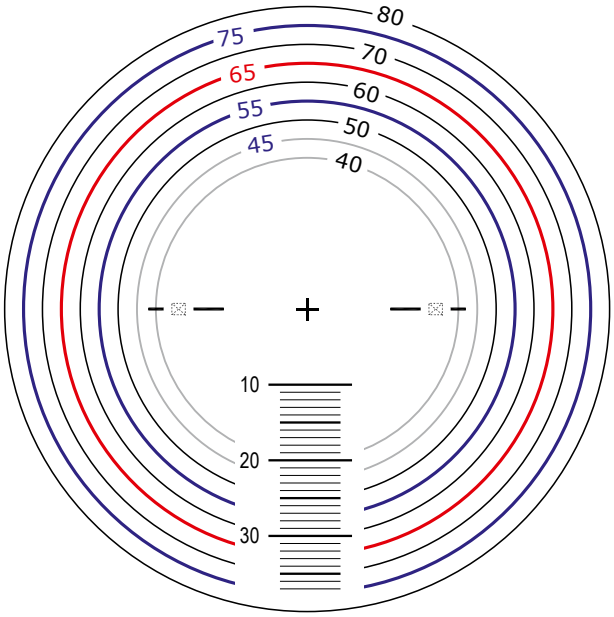
Important considerations

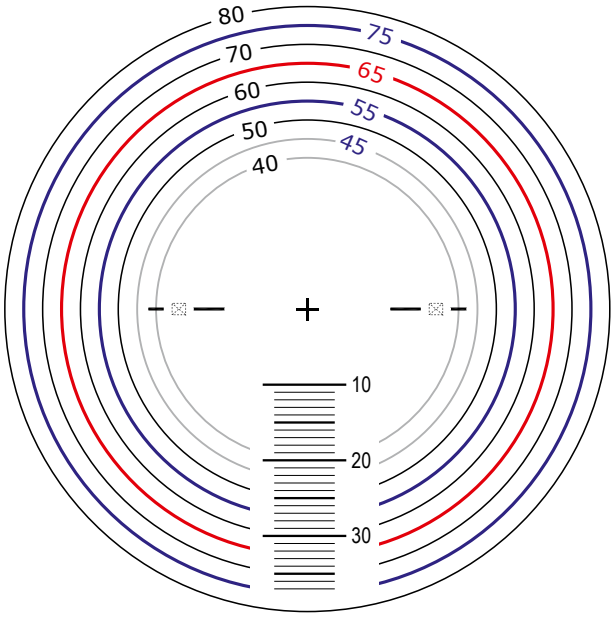
- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Near vision for Progressiv Sport is designed for approximately 60 cm.
- Specify the PD, frame curvature and the base curve when ordering.
- Rodenstock calculates the variable decentering up to 10 mm when you specify frame and centering data. Diameter up to 75/95 mm available.
- Extremely high base curves may not be possible for higher myopia. In that case, we will produce the highest possible base curve.

Technical details

- Particularly suitable for sports glasses due to specification of the base curve and large usable diameters.
- Design optimised for sports activities
- Spherical-cylindrical strength optimisation.
- PD-optimised inset.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform Technology.

Diameter template





1.67	1.60	1.50
UV 400, ColorMatic 3[1]	UV 400, PRO410 ColorMatic 3 (Sun)	UV 400
75/95 +4 -6	75/95 +4 -6	75/95 +4 -5
Polarised		
	70/90 +4 -4	

CYL up to +4.00 D (extra curved and polarised: CYL up to +2.00 D) | Prism on request | Different powers may be possible on request | No extra charge for smaller diameters (min Ø50 available) and variable decentered versions up to 10 mm (extra curved).

Important considerations

- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Rodenstock calculates the variable decentering up to 10 mm when you specify frame and centering data. Diameter up to 75/95 mm available.

Technical details

- Particularly suitable for sports glasses due to specification of the base curve and large usable diameters.
- Small-step base curve system for an aesthetic fit.
- Retina Focus Principle.
- Freeform Technology.

1 ColorMatic 3 1.67: only available in Smoky Grey and Chestnut Brown.

LIFESTYLE VARIANTS

Rodenstock knows that every eye is different, we also know that lifestyles vary too. That's why we offer a range of lifestyle variants to suit your patient's needs. Individualised options are available with the Impression® range.

The following chapter will give you the range and information to pick the best option for your patients. We have also added to the standard range the **Perfalit Mono**+ option.

LIFESTYLE VARIANT INFORMATION

RODENSTOCK

PROGRESSIVE PRODUCT VARIANTS

	Progressive	Product Variants				
B.I.G. EXACT™ Sentitive Lenses based on visual sensitivity index and exact biometric eye model. 	Impression® B.I.G. EXACT™ Sensitive	Individual V	Allround V / L / M / S	Active V	Expert V	Road V
B.I.G. EXACT® Lenses made with an exact biometric eye model. 	Impression® B.I.G. EXACT®	Individual V	Allround V / L / M / S	Active V	Expert V	Road V
	Multigressiv® B.I.G. EXACT®		Allround V / L / M / S	Active V	Expert V	Road V
	Progressiv® B.I.G. EXACT®		Allround V / L / M / S			
B.I.G. NORM® Lenses made with Rodenstock's AI technology, based on an immense biometric data set. 	Impression® B.I.G. NORM®	Individual V	Allround V / L / M / S	Active V	Expert V	Road V
	Multigressiv® B.I.G. NORM®		Allround V / L / M / S	Active V	Expert V	Road V
	Progressiv® B.I.G. NORM®		Allround V / L / M / S			
STANDARD Lenses made with a reduced standard eye model. 	Progressiv Life		L / M / S			

WHICH LENS DESIGN IS RIGHT FOR YOU?

Our wide range of lens designs allows you to customise your lenses to your viewing habits and lifestyle. You can choose from five predefined design types: Allround, Expert, Active, Road and Individual.

Match your glasses to your lifestyle, not the other way around.

The best vision at all distances?

CHOOSE ALLROUND

Allround is designed for people who use all three viewing zones (distance, intermediate and near) equally. Whether reading, cooking or driving, maximum viewing comfort is guaranteed.

Because of its versatility, the Allrounder sight profile does not have a primary area of application. The design is configured to provide the wearer with the best possible performance at all distances. It has much higher image stability than conventional progressive lenses.

Working a lot?

CHOOSE EXPERT

Expert is specifically designed for those who want excellent and effortless vision at all distances, with an emphasis on a wider intermediate zone. The design is perfect for people who travel a lot and work frequently on a laptop or tablet, for example.

Do you lead an active life?

CHOOSE ACTIVE

Active is tailored to the viewing behaviour and needs of active spectacle wearers. The extremely high image stability and wide distance and intermediate zones make this lens ideally suited for dynamic activities. This design suits people who enjoy active lifestyles, such as extensive cycling, walking and gardening.

Do you spend a lot of time in the car?

CHOOSE ROAD

Road is specially designed to have a particularly large field of view over long distances for unrestricted vision, even when looking sideways through the glasses. The special design results in extraordinarily high image stability and an extensive intermediate range. High image stability allows for quick shifts in focus and head movements, even in critical situations, making this design highly suitable for people who spend a lot of time behind the wheel.

Are you looking for a personalised design?

CHOOSE INDIVIDUAL

The individual design is tailored to the wearer's personal viewing needs with our patented "Flexible Design Technology". The unique and flexible system allows the progressive lens's peripheral aberrations to be positioned so that they no longer affect the wearer. The new, optimal image stability makes the swim effect often seen in progressive lenses a thing of the past. The result is an extremely natural viewing experience!

NEAR VISION PRODUCT VARIANTS

	Near Vision	Product Variants			
B.I.G. EXACT™ Sentitive Lenses based on visual sensitivity index and exact biometric eye model. 	Impression® B.I.G. EXACT® Ergo®	Individual	Book	PC	Room
B.I.G. EXACT® Lenses made with an exact biometric eye model. 	Impression® B.I.G. EXACT® Ergo®	Individual	Book	PC	Room
	Multigressiv® B.I.G. EXACT® Ergo®		Book	PC	Room
	Progressiv® B.I.G. EXACT® Ergo®		Book	PC	Room
B.I.G. EXACT® Lenses made with Rodenstock's AI technology, based on an immense biometric data set. 	Impression® B.I.G. NORM® Ergo®	Individual	Book	PC	Room
	Multigressiv® B.I.G. NORM® Ergo®		Book	PC	Room
	Progressiv® B.I.G. NORM® Ergo®		Book	PC	Room
STANDARD Lenses made with a reduced standard eye model. 	Progressiv Ergo		Book	PC	Room

Three types of near vision lenses
Rodenstock Ergo® near vision lenses are available in three versions: Book, PC and Room. The variation is necessary because Ergo® near vision lenses are individually tailored to specific working distances. Eye movements guarantee a larger field of view where it matters most to the wearer. The larger field of view supports an ergonomic head and body position and ensures comfortable vision without fatigue.

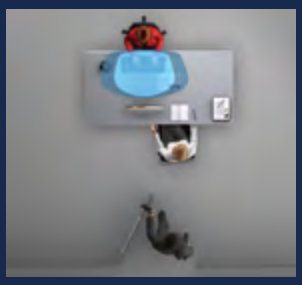
Using progressive or reading glasses during near vision work: yes or no?
With progressive lenses, the spectacle wearer can switch smoothly from near to distance vision and vice versa in various everyday situations. That flexibility means that the field of view is relatively small at normal computer monitor viewing distances. As a result, people tend to subconsciously adopt an unnatural posture to see sharply.

Reading glasses, on the other hand, are often optimised for a reading distance of 40 cm, while a monitor is usually further away. This causes the wearer to constantly lean forward to see sharply, and to take them off when focusing at longer distances — such as when talking to a colleague.

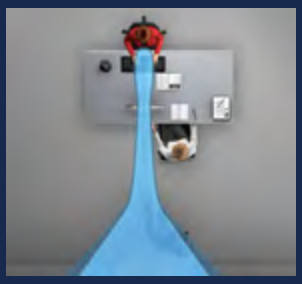
Near vision glasses are specifically designed to meet the wearer's needs in the workplace or at home, preventing poor posture and allowing smoother and more comfortable vision at work or at home.

READING OR PROGRESSIVE LENSES FIELDS OF VIEW

Reading glasses
- Only usable at a reading distance of 40 cm.



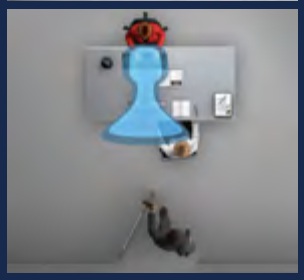
Progressive glasses
- The field of view is usually too small at the intermediate distance.



Comfortable field of view
Enlarged field of view

RODENSTOCK COMPUTER LENSES FIELDS OF VIEW

Ergo® Book



- Large fields of view for near vision.
- Relaxed reading and working without fatigue.
- Sharp vision up to 90 cm.

Ergo® PC

- Large fields of view in enlarged near and intermediate segments.
- Ergonomically correct head and body posture, especially during near vision work.
- Sharp vision up to 120 cm.

Ergo® Room

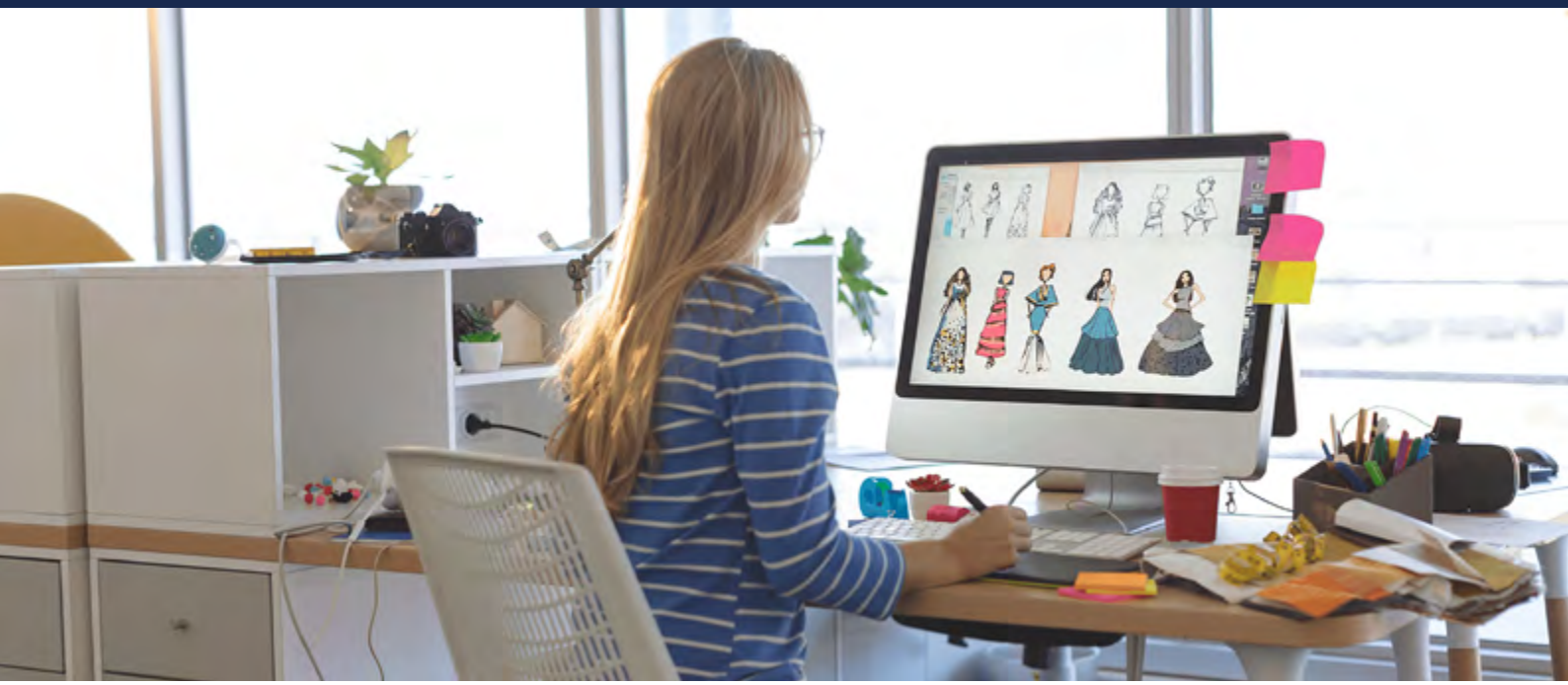
- For general work with greater depth of field than 'Book' and 'PC' versions.
- Relaxed view.
- Sharp vision up to 2 metres.

Ergo® lenses degression values

Addition [D]	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00
BOOK	0.70	0.80	0.90	1.10	1.20	1.40	1.60	1.90
PC	0.80	1.00	1.10	1.30	1.50	1.60	1.90	2.10
ROOM	1.00	1.20	1.40	1.60	1.80	2.00	2.30	2.50

SINGLE VISION PRODUCT VARIANTS

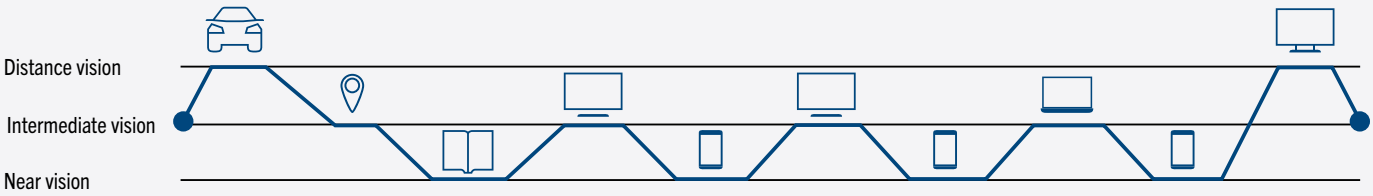
	Single Vision		Product Variants		
B.I.G. EXACT™ Sentitive Lenses based on visual sensitivity index and exact biometric eye model. 	Impression® B.I.G. EXACT® Ergo®	Individual	Book	PC	Room
B.I.G. EXACT® Lenses made with an exact biometric eye model. 	Impression® B.I.G. EXACT® Mono	Impression® B.I.G. EXACT® Mono+	+0.5D	+0.8D	+1.1D
	Multigressiv® B.I.G. EXACT® Mono	Multigressiv® B.I.G. EXACT® Mono+	+0.5D	+0.8D	+1.1D
	Progressiv® B.I.G. EXACT® Mono	Progressiv® B.I.G. EXACT® Mono+	+0.5D	+0.8D	+1.1D
B.I.G. NORM® Lenses made with Rodenstock's AI technology, based on an immense biometric data set. 	Impression® B.I.G. NORM® Mono	Impression® B.I.G. NORM® Mono+	+0.5D	+0.8D	+1.1D
	Multigressiv® B.I.G. NORM® Mono	Multigressiv® B.I.G. NORM® Mono+	+0.5D	+0.8D	+1.1D
	Progressiv® B.I.G. NORM® Mono	Progressiv® B.I.G. NORM® Mono+	+0.5D	+0.8D	+1.1D
STANDARD Lenses made with a reduced standard eye model. 	Cosmolit				
	Perfalit	Perfalit Mono+	+0.5D	+0.8D	

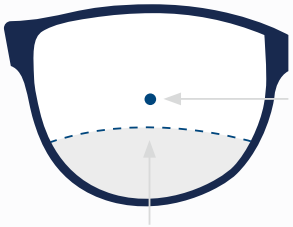


OUR EYES ARE CONSTANTLY SWITCHING BETWEEN DIFFERENT DISTANCES

Discover Mono+ lenses

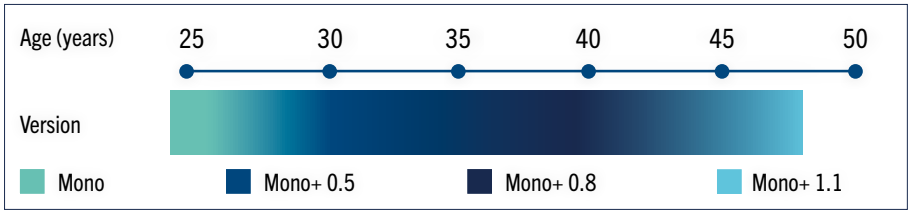
Less effort to correct to different viewing distances.





How does Mono+ work?
Adding a simple support to the lowest zone of the lens helps you acquire focus at different distances.

To ensure that every glasses wearer chooses the right reading support, Rodenstock has developed three variants with additional reading powers of +0.50, +0.80 and +1.10.



RODENSTOCK MYCON™ 2
LENSES ARE NOT JUST FOR
CORRECTING VISION

THEY ARE OUR VISION FOR SAFEGUARDING CHILDREN'S EYE HEALTH FOR THE FEATURE

MYCON™ & MYCON™ 2

FOR CHILDREN WITH MYOPIA

Rodenstock MyCon™ lenses are built to ensure sharp vision while managing myopia progression in children. **MyCon™ 2** considers the individually measured real position of wear of the glasses in front of the eyes.

STANDARD IS NEVER A PERFECT FIT

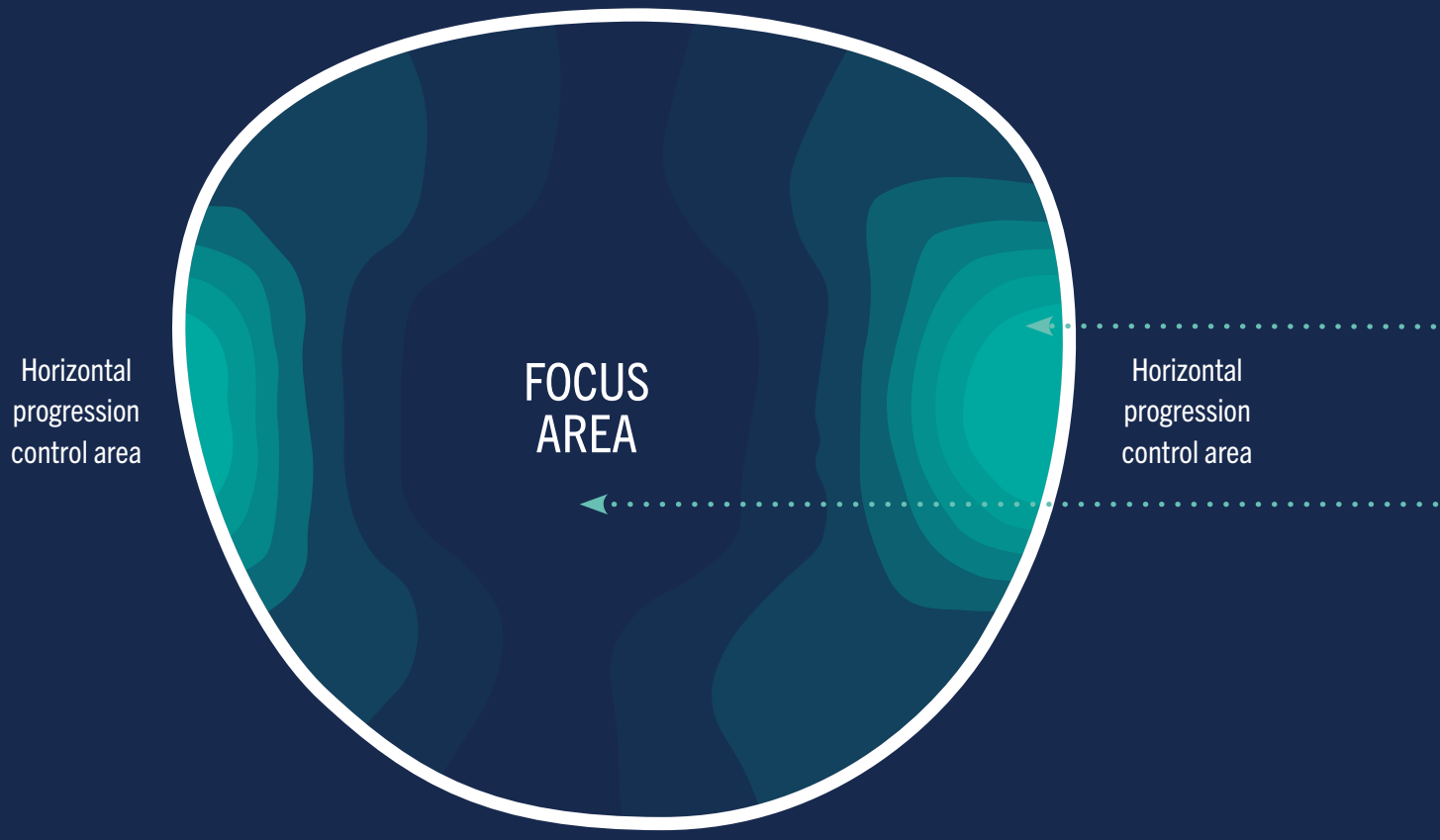
In standard calculations for myopia management lenses individual position of wear parameters are usually not considered. This can have an impact of the performance and the comfort of the lens.

With MyCon™ 2, we introduce lenses customised to fit each child's unique face and spectacle frame. This approach includes four individual position of wear parameters, like pupil distance or corneal vertex distance, that help to tailor the lenses more precisely.

DESIGN PRINCIPLE

ASYMMETRIC HORIZONTAL DEFOCUS PRINCIPLE

MyCon™ lenses can refract light in the periphery to hit in front of the retina, aiming to slow eye elongation and control myopia progression in children.



MyCon™ / MyCon™ 2 are specially designed to correct myopia in children (6-14 yrs.) and allowing sharp and comfortable vision.

1Tarutta EP, Proskurina OV, Tarasova NA, Milash SV, Markosyan GA. (2019). Long-term results of perifocal defocus spectacle lens correction in children with progressive myopia. Vestn Oftalmol. 2019;135(5):46-53

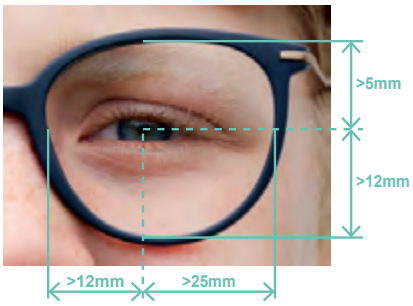
Horizontal progression control area

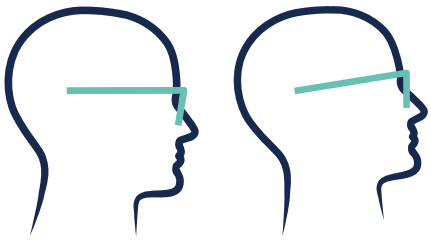
- ✓ Design based on the **horizontal asymmetric defocus principle**.
- ✓ A lens technology based on a principle with **proven results** by an independent external long-term clinical study1 and convincing results in post market performance follow-up (PMPF).
- ✓ Smooth transitions from focus area to the peripheral function area ensure rapid adaptability and comfortable wear.

Vertical focus area

- ✓ Allows sharp and clear vision in the vertical focus area.
- ✓ Facilitates a natural and comfortable up-and-down- movement of the gaze.
- ✓ MyCon™ 2: Individual optimised focus area can lead to improved imaging properties and visual comfort.

CENTRING DATA AND FITTING RECOMMENDATIONS





MyCon™ 2:
Reference point

MyCon™:
Eye rotation centre

Fitting into frames

To allow the areas for progression control within the frame to be utilised, the shown minimum heights and widths are recommended.
Fit with a maximum vertex distance of 14mm.

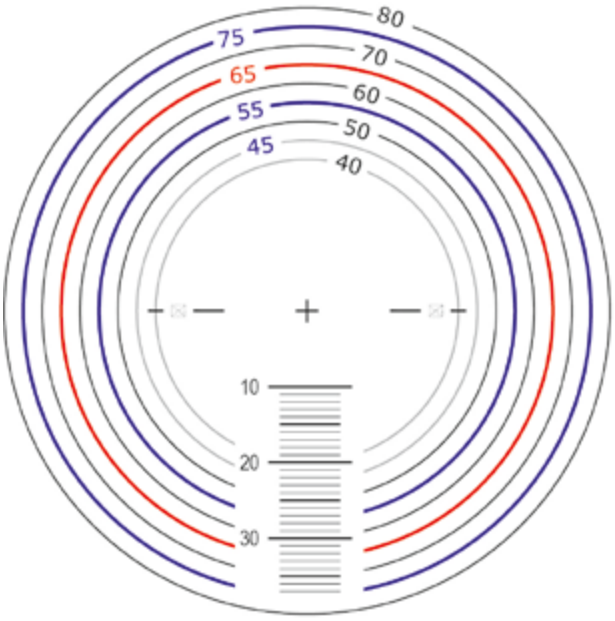
Fitting height

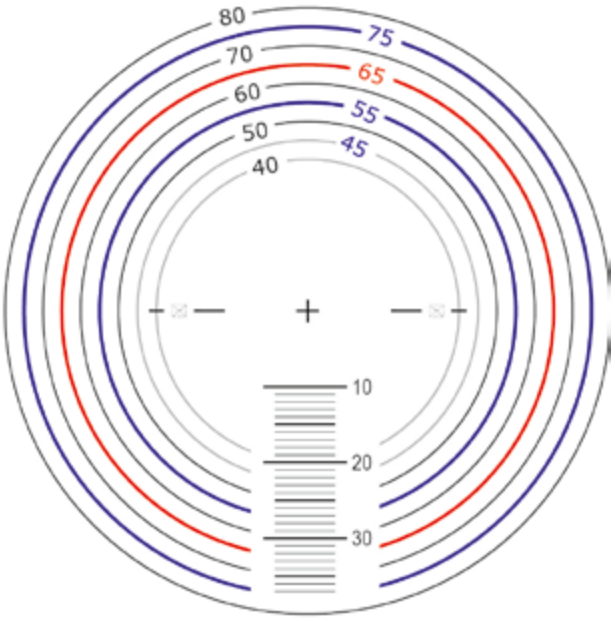
MyCon™ 2 lenses are fitted with habitual head and body posture, looking straight ahead into distance. MyCon™ is fitted according eye rotation requirement, frame plane vertical with zero line of sight, centring point on centre of pupil.

Individual position of wear parameter

To determine the individual position of wear parameters for MyCon™ 2, you can either use the ImpressionIST (eye height min. 120 cm) or the manual measurement tools developed by Rodenstock.

Diameter template





1.74*	1.67*	1.60	1.50
UV 400	UV 400, ColorMatic 3	UV 400, ColorMatic 3	UV 400, ColorMatic 3 (1.54)
≤60 65 70 75	≤60 65 70 75	≤70 75	≤70 75
-14 -12 -12 -6	+1 +1 +1 +1 / -13 -12 -12 -6	POLARISED 0 -4 / -10 -6	0 -8 / -4

CYL: Clear - up to +6.00 D; CM - 1.54 up to +6.00 D, 1.60 & 1.67 up to +5.00 D; Polar - up to +2.00 D | Prism > 3cm/m

Important considerations

MyCon™
- Aspheric manufacture; lower heights by 1mm for every 2° of pantoscopic tilt

MyCon™ 2 :
- Adjustment: Eyes at rest and a natural head and body position with centering point at pupil centre.
- Specify the individual parameters (Mono PD and heights, Pantoscopic tilt, Face Form Angle and Vertex distances)

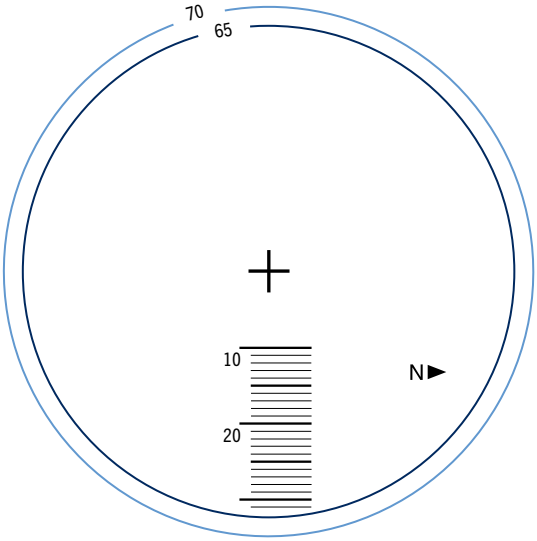
Technical details

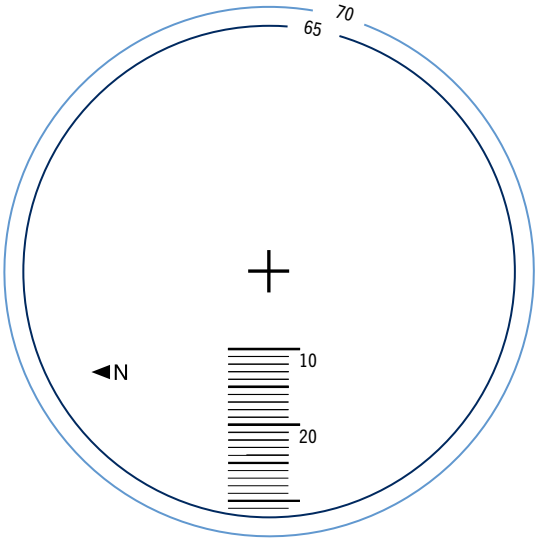
- MyCon is a lens with horizontal asymmetric peripheral defocus lens for Myopia control.
- Small-step base curve system for an aesthetic fit.
- Freeform Technology.

1 ColorMatic 3.1.67: only available in Smoky Grey and Chestnut Brown.

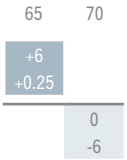

STOCK
RODENSTOCK

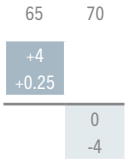
Diameter template





1.67	1.60	1.50
UV 400	UV 400	UV 400





CYL up to +2.00 D

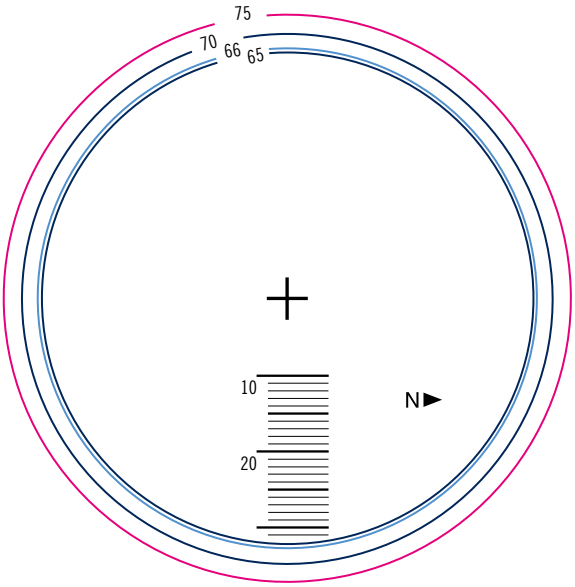
Important considerations

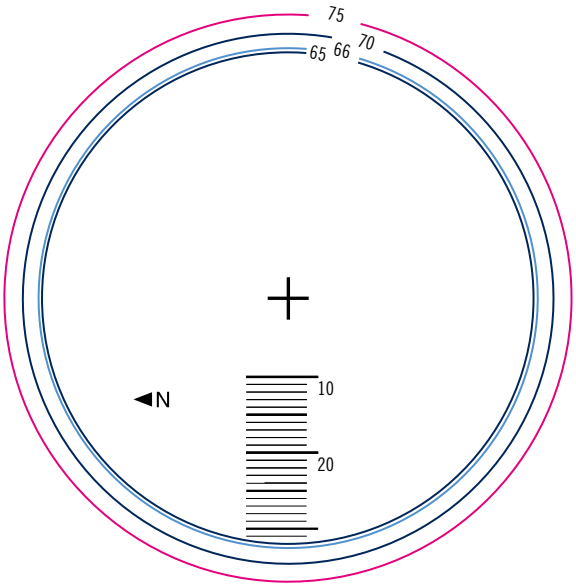
- Aspheric manufacture; lower heights by 1mm for every 2° of pantoscopic tilt

Technical details

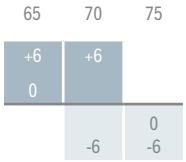
- Aspheric lens design.
- Crisper vision near the edge of the lens, resulting in reduced distortion.
- Small-step base curve system for an aesthetic fit

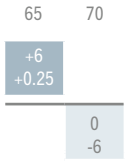
Diameter template

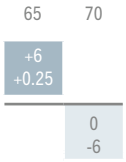




1.67	1.60	1.54	1.50
UV 400	UV 400 ColorMatic IQ 2[1]	ColorMatic IQ 2[1]	UV 400







CYL up to +2.00 D

Important considerations

Technical details

- Spherical lens design.
- Wide range.
- Varied base curve system for an aesthetic fit

1 ColorMatic IQ 2 1.60: only available in Smoky Grey and Chestnut Brown.

COATINGS, TINTS AND MATERIALS INFORMATION

RODENSTOCK

EXPERIENCE THE COMBINED PERFORMANCE OF

BIOMETRIC INTELLIGENT GLASSES WITH LAYR TECHNOLOGY

Solitaire® LayR is based on Rodenstock's LayR technology that adds multifunctional layers to Biometric Intelligent Glasses. With 50% reduced visible reflections from the lens, LayR technology creates much clearer vision for the spectacle wearer.

IN ADDITION TO SHARPEST VISION, CLEAREST VISION IS KEY FOR BEST VISION

REFLECTIONS

from the lens can prevent light from reaching the sharp vision center at the back of the eye – reducing vision clarity. The advanced anti-reflective (AR) layer that allows more light through.

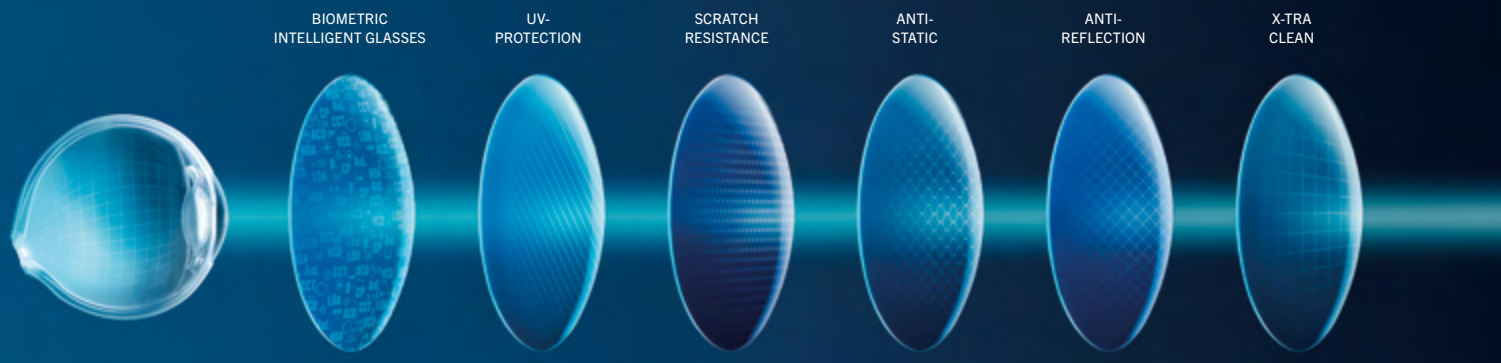
SCRATCHES

A scratched lens can be immensely distracting to the wearer, and if the scratches are large, the effort of focusing through a scratched lens can cause eye strain and even headaches. An improved hard coating layer has been integrated into LayR technology to overcome this challenge, enhancing the lens's durability and protecting the wearer's vision.

DIRT & FINGERPRINTS

Keeping smudges and water from accumulating is critical for keeping spectacle lenses clean and maintaining clear vision. But it can also be time-consuming to do so. The X-tra Clean outer layer that keeps water, grease and dirt from accumulating on the surface, stays cleaner longer and can be wiped quickly and easily when needed.

By adding the multifunctional layers of LayR technology to our Biometric Intelligent Glasses, we are creating even clearer vision.



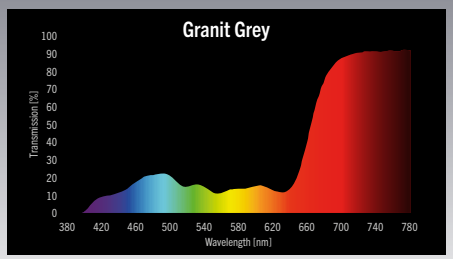
TINTS

Colours for everyday use

Lower contrast

Steel Blue | Granit Grey | Smoky Grey

In grey sunglass lenses, all colours are dimmed quite equally. This creates a natural colour feel for the wearer, while slightly optimising contrast.

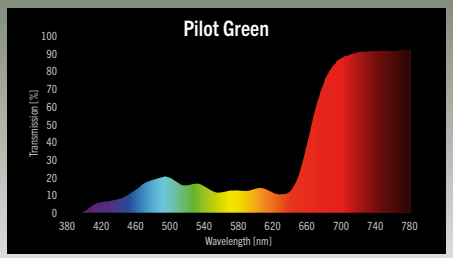


Spectrum of colours let through grey sunglass lenses.

Mid contrast

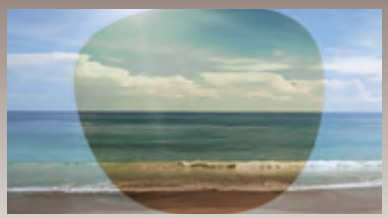
Pilot Green | Autumn Green | Dusty Green

In green sunglass lenses, slightly more green light is let through the lens, while the amount of blue light let through is decreased. This increases contrast and emphasises certain visual details for the wearer.



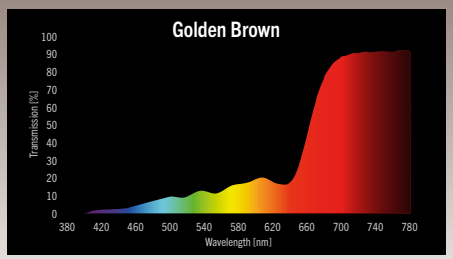
Spectrum of colours let through green sunglass lenses.

High contrast



Olive Brown | Chestnut Brown | Golden Brown | Honey Amber

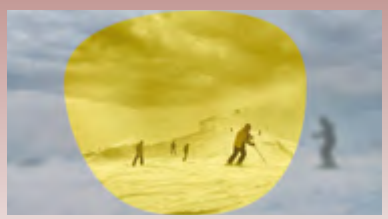
In brown sunglass lenses, the amount of blue light is heavily reduced, while the amount of red light let through the lens is increased. This creates a high level of contrast and a warm colour feel.



Spectrum of colours let through brown sunglass lenses.

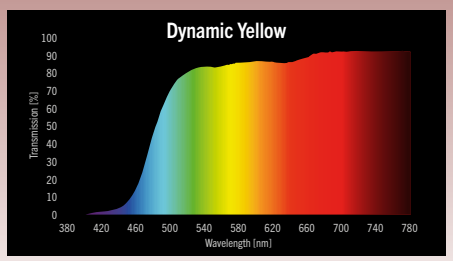
Colours for special activities

Ultimate contrast



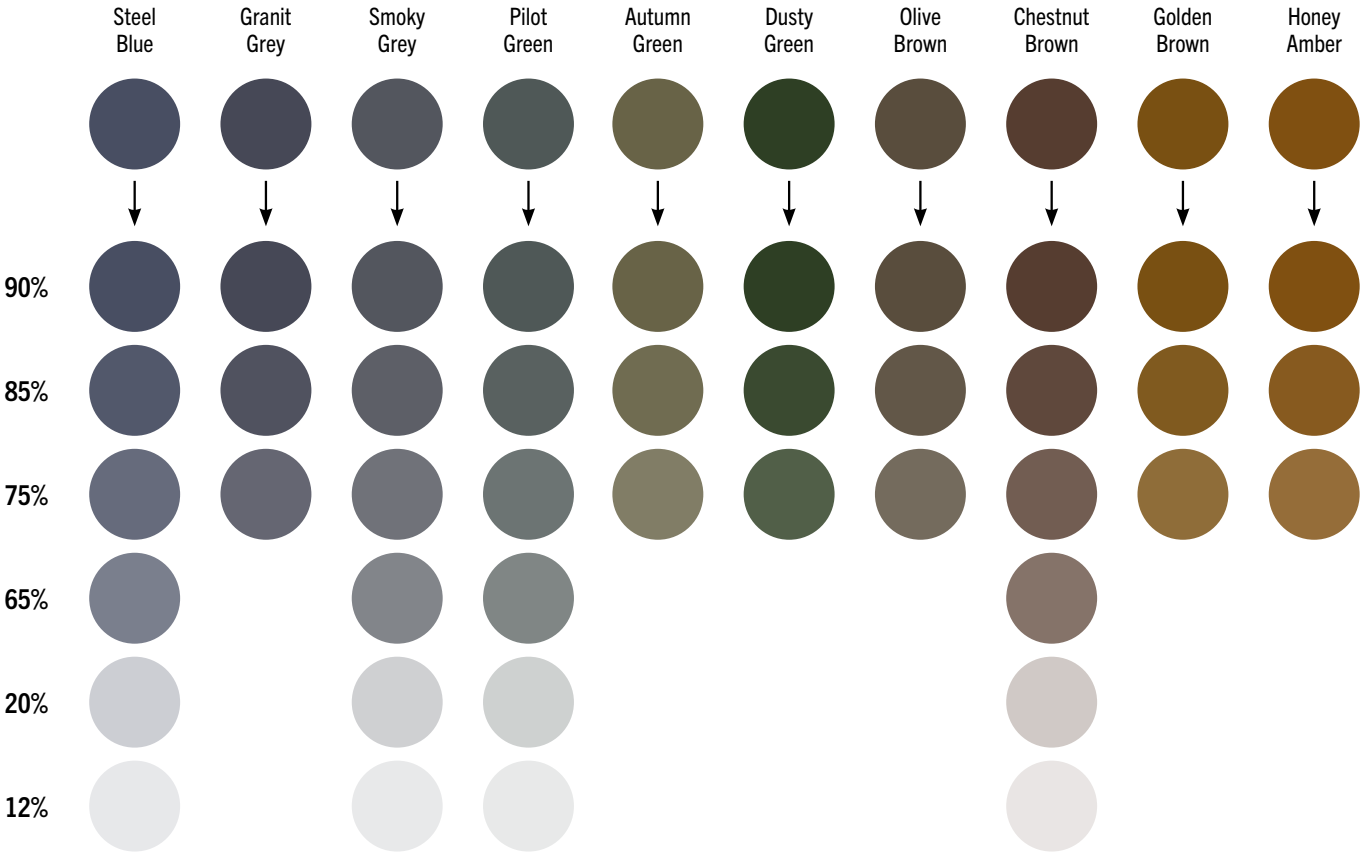
Dynamic Red | Dynamic Orange | Dynamic Yellow

In addition to the lens colours for everyday use, we have our special lens colours. These colours provide an ultimate level of contrast in special use cases while highly modifying the colour feel for the wearer. In yellow lenses, for example, blue light is dampened to a minimum, while other colours are still let through. This makes visual details stand out while the surroundings are brightened.

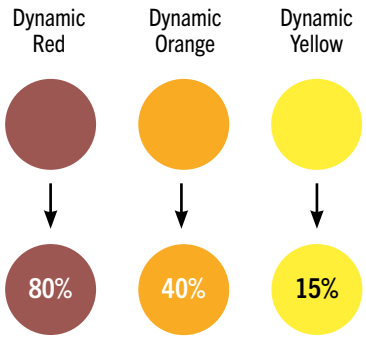


Spectrum of colours let through special coloured sunglass lenses such as red, orange and yellow.

Colours for daily use



Colours for special activities



All lens colours are available in index 1.5, 1.6, and 1.67

The gradient colours

Steel Blue

Smoky Grey

Pilot Green

Chestnut Brown

The seasonal gradient colours

Young, dynamic, smart. Our unique Seasonal colour portfolio impresses with an exclusive selection of stylish gradient colours. With the Seasonal gradient colours in your portfolio, you can find the right fit for your more fashion-oriented customers and appeal to a younger target group.

GREAT BENEFITS FOR YOUR CUSTOMERS:

- 100% UV and glare protection
- Tapping into a younger, fashion-conscious target group
- Exclusive and very trendy bicolour gradient colours

Terra Brown

Chestnut Smoky

Black Berry

Steel Smoky

Medical Purpose Colours

L400 12% | L480 20% | L500 25% | L560 55% | L580 65% | L590 80% | L660 80% | L660 90%

Polarised

Polarised Grey 85% | Polarised Brown 85% | Polarised Green 85%

Mirror coatings

Solitaire® Silver Moon | Solitaire® Red Sun 2 | Solitaire® Sky Blue 2

Rodenstock Glass Colours

Brunal 12% | Brown 15% | Brown 25% | Brown 75% | Brown 90%

Colours may vary slightly from the colour sample.

SPORTS TINTS

TECHNICAL RECOMMENDATIONS FOR SPORT LENSES

Every pair of Rodenstock sports glasses is unique, as every eye and every athlete is different. Before customising Rodenstock sport lenses, numerous personal parameters must be measured, from the eyes to the fit of the frame. We use innovative technologies to create lenses that are perfectly tailored to the wearer and their sport.

Intelligent sun protection:

Self-tinting lenses by Rodenstock.

Our ColorMatic Sun 3 self-tinting lenses adapt to variations in light conditions in record time. In bright sunlight, they protect your eyes with a darker tint. When transitioning to shade, the lenses automatically become up to 55% lighter to guarantee clear, high-contrast vision in changing light conditions, day and night.

Smoky Grey

Chestnut Brown

Fashion Green

Contrast Orange

Mirrored with infrared heat filter:

Solitaire® Red Sun 2.

The Solitaire® Red Sun 2 mirror coating provides 100% protection from UV radiation and reduces infrared light transmission, which reduces the thermal load on the eyes. Combine the mirror coating with self-tinting lenses for maximum sun protection.

ACTIVITY BASED TINT RECOMMEDNATIONS

RUNNING / JOGGING

Dynamic Yellow	15%
Dynamic Red	80%
Golden Brown	85%

SAILING

Polarized Green	85%
Polarized Brown	85%
Dusty Green	85%

WINTERSPORT

ColorMatic® 3 Sun Contrast Orange	40-90%
Dynamic Red	80%
Golden Brown	85%

NORDIC WALKING

ColorMatic® 3 Sun Contrast Orange	40-90%
Honey Amber	85-40%
Honey Amber	85%

TENNIS

ColorMatic® 3 Sun Contrast Orange	40-90%
Dynamic Yellow	15%
Honey Amber	75%

MOUNTAIN CLIMBING

ColorMatic® 3 Sun Contrast Orange	40-90%
Dynamic Yellow	15%
Golden Brown	85%

GOLF

ColorMatic® 3 Sun Contrast Orange	40-90%
Dynamic Yellow	15%
Honey Amber	75%

ALL OTHER SPORTS

ColorMatic® 3 Sun Chestnut Brown	50-90%
ColorMatic® 3 Sun Fashion Green	45-90%
ColorMatic® 3 Sun Smoky Grey	45-90%
Polarized Green	85%
Polarized Grey	85%

CYCLING

ColorMatic® 3 Sun Contrast Orange	40-90%
Dynamic Red	80%
Golden Brown	85%

Tel. Sales Support: 01474 325555

COLORMATIC®

COLORMATIC® 3 & X: EVERYDAY LENSES THAT AUTOMATICALLY TURN TO SUNGLASSES

Indoors, the lenses are fully clear. Outdoors in bright sunlight, the ColorMatic® 3 & X lenses are fully dark, with up to 88% absorption.

Built in blue light reduction between wavelength 400-455nm of between 32-46% depending on activation level.

SMOKY GREY

Index 1.54, 1.60, 1.67

Crystal-clear when not darkened.

When darkened in sunlight:
Colours look natural and authentic. Very good anti-glare protection. Fashionably subtle colour.

CHESTNUT BROWN

Index 1.54, 1.60, 1.67

Crystal-clear when not darkened.

When darkened in sunlight:
Improved contrast perception. Very good anti-glare protection. Warm, classic colour.

PILOT GREEN

Index 1.60

Crystal-clear when not darkened.

When darkened in sunlight:
Colour-neutral. Colours look warmer compared to Smoky Grey and contrast is slightly enhanced. Very good anti-glare protection. Fashionable colour.

STEEL BLUE

Index 1.60

Crystal-clear when not darkened.

When darkened in sunlight:
Very good anti-glare protection. Subtle blue. Stylish, elegant look.

COLORMATIC® X

Our fastest ColorMatic® yet with improved fade back time by up to 54% vs ColorMatic® 3.

SMOKY GREY
Index 1.60

CHESTNUT BROWN
Index 1.60

COLORMATIC® 3 SUN: INTELLIGENT SUNGLASSES

In cloudy conditions with moderate amounts of UV light, the lenses adapt and turn semi-clear, absorbing approximately 50-60% of light. In bright sunlight, ColorMatic® 3 Sun lenses absorb up to 90% of light.

SMOKY GREY

Index 1.60

Basic tint in the shade:
Comfortable anti-glare protection.

When darkened in sunlight:
Very good anti-glare protection. Colours look natural and authentic. Fashionably subtle colour.

CHESTNUT BROWN

Index 1.60

Basic tint in the shade:
Comfortable anti-glare protection. Contrast perception is improved.

When darkened in sunlight:
Very good anti-glare protection and enhanced contrast. Ideal for all sports and outdoor activities. Warm, classic colour.

FASHION GREEN

Index 1.60

Basic tint in the shade:
Comfortable anti-glare protection.

When darkened in sunlight:
Very good anti-glare protection. Slightly contrast-enhancing. Colour-neutral, but colours look warmer compared to Smoky Grey. Fashionable colour.

CONTRAST ORANGE

Index 1.60

Basic tint in the shade:
Comfortable anti-glare protection. High contrast enhancement. Brightening effect in dark environments (e.g. in the forest).

When darkened in sunlight:
Very good anti-glare protection. High contrast enhancement. Ideal for all sports and outdoor activities. Stylish colour.

SOLITAIRE® MIRROR COATINGS

SKY BLUE 2 | SILVER MOON | RED SUN 2

COLORMATIC® 3 FAMILY PORTFOLIO DETAILS

Product Name	Short Form	Colour Name	Short Form	Indices			Absorption (%)		Category	Solitaire® Mirrors				
				1.54	1.60	1.67	Min.	Max.		Silver Moon	Red Sun 2	Sky Blue 2	☀	☾
ColorMatic® 3	CM 3	Smoky Grey	SG	●	●	●	5-8*	88-90*	0-3	○	○	○	●	●
		Chestnut Brown	CB	●	●	●	5-8*	88-90*	0-3	○	○	○	●	●
		Pilot Green	PG	○	●	○	8	88	0-3	○	○	○	●	●
		Steel Blue	SB	○	●	○	8	88	0-3	○	○	○	●	●
ColorMatic® 3 Sun	CM 3 Sun	Smoky Grey	SG	○	●	○	45	90	1-3	●	●	●	●	○
		Chestnut Brown	CB	○	●	○	50	90	1-3	●	●	●	●	○
		Fashion Green	FG	○	●	○	45	90	1-3	●	●	●	●	○
		Contrast Orange	CO	○	●	○	40	90	1-3	●	●	●	●	○
ColorMatic® X	CMX	Smoky Grey	SG	○	●	○	5	88	0-3	○	○	○	●	●
		Chestnut Brown	CB	○	●	○	5	83	0-3	○	○	○	●	●

Unlike other blue colours, ColorMatic® 3 Steel Blue is suitable for driving at day and night.

*Index 1.60 and 1.67 min. 8%, max. 88%; index 1.54 min. 5%, max. 90%

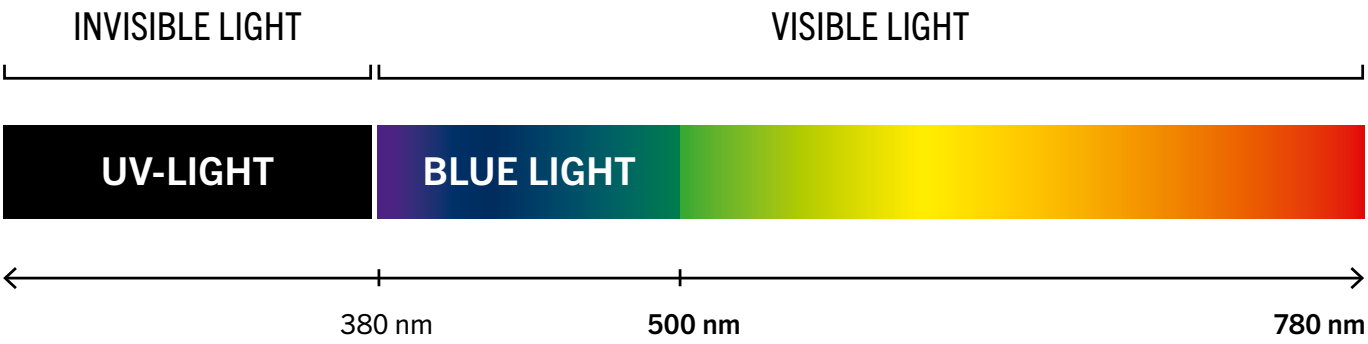
PRO410

PROTECTION AGAINST HARMFUL LIGHT, DAY AFTER DAY.

Light is essential for our body and well-being. It is vital for the body‘s biorhythm and other biological factors that have affected the sleep-wake cycle and influence our physical and mental well-being. It gives us energy, focus, and performance – day after day.

Light rays can be distinctive between visible wavelengths and invisible wavelengths. The invisible light (wavelengths in the ultraviolet and infrared range) can be harmful to our skin and our eyes. Even with an overcast sky, UV-rays penetrate through the clouds.

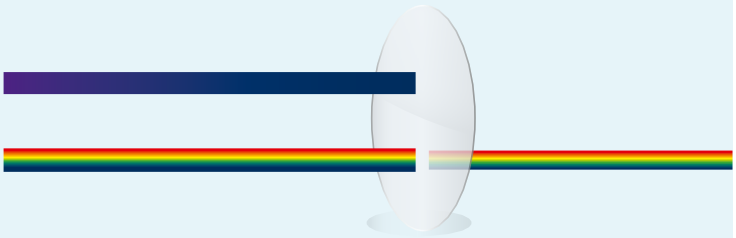
This making protection against light necessary for our eyes. With Rodenstock PRO410, we can protect ourselves not only in direct sunlight. But 365 days a year.



RODENSTOCK PRO410

The new high-tech material PRO410 protects against potentially harmful high-energy blue light and provides 100% UV protection (UVA/UVB). The incident light is filtered by the high-tech material PRO410 – light components with a wavelength of over 410 nm pass through the glass. These light components are important for vision and colour perception, as well as for undisturbed circadian rhythm (sleep-wake rhythm). Hence, the new material PRO410 ensures optimal protection and well-being.

- **UV and potentially harmful high-energy blue light with a wavelength up to 410 nm is filtered.**
- **Light required for the biorhythm and other biological functions of the human body passes through the glass.**



PROTECTION AGAINST LIGHT WITH SENSE OF PROPORTION

Excessive filtering of blue light components can be disruptive for the vision and the biorhythm. The proper ratio is therefore decisive for an optimal result. Excessive filtering of the blue light also leads to undesired aesthetic results such as a yellow staining of the lenses.

TINT & COATING INFORMATION

Plastic lens options for B.I.G. Portfolio

Solitaire® LayR	LayR technology based super anti-reflective coating with premium hardening coating, UV protection, premium anti-static effect and premium water-repellent TopCoat
Solitaire® LayR X-tra Clean	All the product benefits of Solitaire LayR plus an extremely smooth, X-tra Clean finish, which makes it nearly impossible for dirt to stick to the lens.
Solitaire® LayR Road	All the product benefits of Solitaire LayR combined with a special 12% tint. Reduces glare at night and improves contrast during the day.
Solitaire® LayR Road X-tra Clean	All the product benefits of Solitaire LayR Road plus an extremely smooth, X-tra Clean finish, which makes it nearly impossible for dirt to stick to the lens.
Solitaire® LayR Balance	LayR technlogy based super anti-reflective coating with blue light filter, premium hardening coating, UV protection, premium anti-static effect and premium water-repellent TopCoat.
Solitaire® LayR Balance X-tra Clean	All the product benefits of Solitaire LayR Balance plus an extremely smooth, X-tra Clean finish, which makes it nearly impossible for dirt to stick to the lens.
Solitaire® LayR Sun	LayR technology based coating made especially for tinted lenses: colourless antiglare coating on the front. Super anti-reflective coating with premium hardening coating and UV protection on the back. Premium water repellent TopCoat on front and back.

Plastic lens option for Standard Portfolio

Solitaire® Protect Balance 2	Super anti-reflective coating with blue light filter, premium hardening coating, UV protection, premium anti-static effect and premium water-repellent TopCoat.
Solitaire® Protect Balance 2 X-tra Clean	All the product benefits of Solitaire Protect Balance 2 plus an extremely smooth, X-tra Clean finish, which makes it nearly impossible for dirt to stick to the lens.
Solitaire® Protect Plus 2	Super anti-reflective coating with premium hardening coating, UV protection, premium anti-static effect and premium water-repellent TopCoat
Solitaire® Protect Plus 2 X-tra Clean	All the product benefits of Solitaire Protect Plus 2 plus an extremely smooth, X-tra Clean finish, which makes it nearly impossible for dirt to stick to the lens.
Solitaire® Protect Road 2	All the product benefits of Solitaire Protect Plus 2 combined with a special 12% tint. Reduces glare at night and improves contrast during the day.
Solitaire® Protect Road 2 X-tra Clean	All the product benefits of Solitaire Protect Road 2 plus an extremely smooth, X-tra Clean finish, which makes it nearly impossible for dirt to stick to the lens.
Solitaire® lite	Anti-reflective coating with premium hardening coating, UV protection, premium anti-static effect and a water-repellent TopCoat.
Duralux	Scratch-resistant, organic hardening coating.
Solitaire® Protect Sun 2	Made especially for tinted lenses: colourless antiglare coating on the front. Super anti-reflective coating with premium hardening coating and UV protection on the back. Premium water repellent TopCoat on front and back.
Solitaire® Back	Just for tinted lenses: super anti-reflective coating on the back with excellent hardening coating. Premium antistatic effect and water repellent TopCoat.

Plastic lens tint options

Lambda Lens Technology
Medical colours
Different colour and individual colour from sample

Plastic lens mirror coatings

Solitaire® Silver Moon (1.50)	Includes Back-AR
Solitaire® Silver Moon (1.60 / 1.67)	Includes Solitaire Back
Solitaire® Red Sun 2	Includes Solitaire Protect 2
Solitaire® Sky Blue 2	Includes Solitaire Back

Different from Rodenstock's standard colours or colour from a sample (if technically feasible).

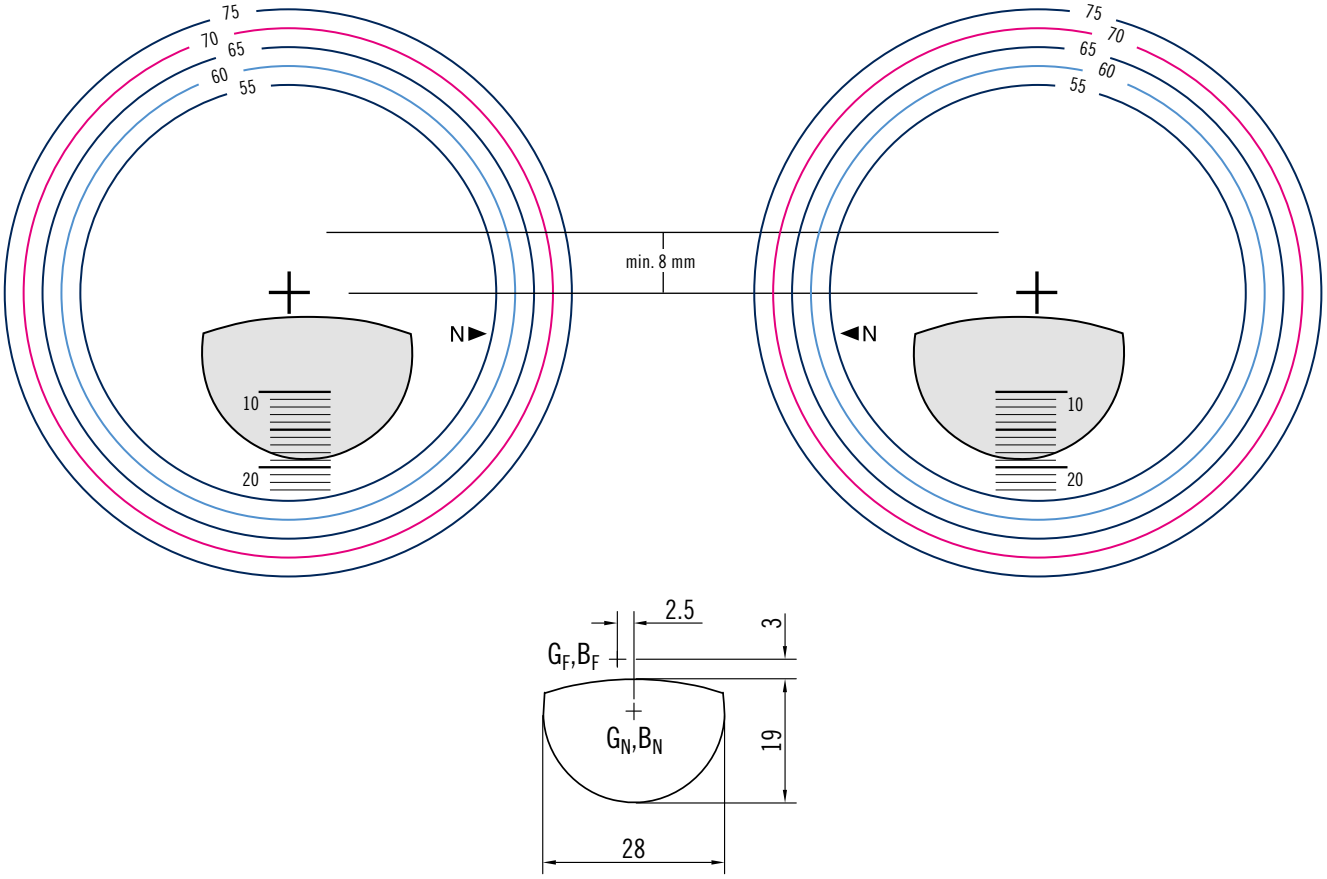
Glass lens options

Supersin	Green, super anti-reflective coating, reflex-free with Clean effect
Brunal	Light brown 12% filter
Colour	Brown 15%, 25%, 75%, 90%

BIFOCAL

RODENSTOCK

Diameter template



1.50

UV 350
ColorMatic 3

≤65	70
+8	+8
-8	-8

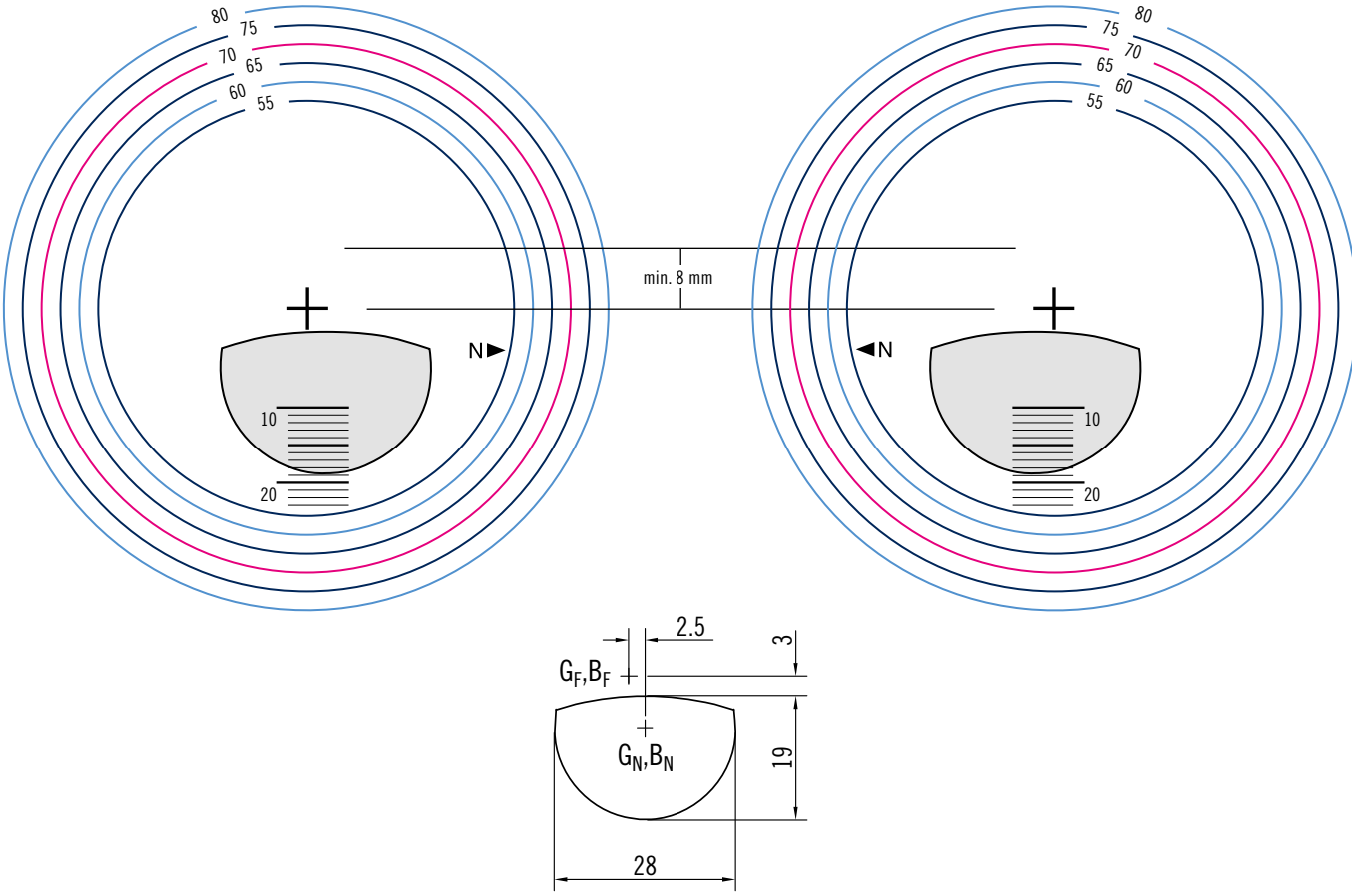
CYL up to +6.00 D | Available Add Powers:Clear lens: +0.50 to +4.00 D, ColorMatic IQ2 +0.75 to +3.00 D & +3.50 D. Prism up to 4.50 cm/m. | Different powers may be possible on request | No additional charge for smaller diameters and different thicknesses. | Reading segment displacement relative to optical center: 2.5 mm

Important considerations

Technical details

1 ColorMatic 3 1.54: only available in Smoky Grey and Chestnut Brown.

Diameter template



1.50

UV 350

≤65	70
+7	+7
-10	-10

CYL up to +6.00 D | Add: +0.50 to +4.00 D | Prism > 5 cm/m on request | Different powers may be possible on request | No additional charge for smaller diameters and different thicknesses | Reading segment displacement relative to optical centre: 2.5 mm

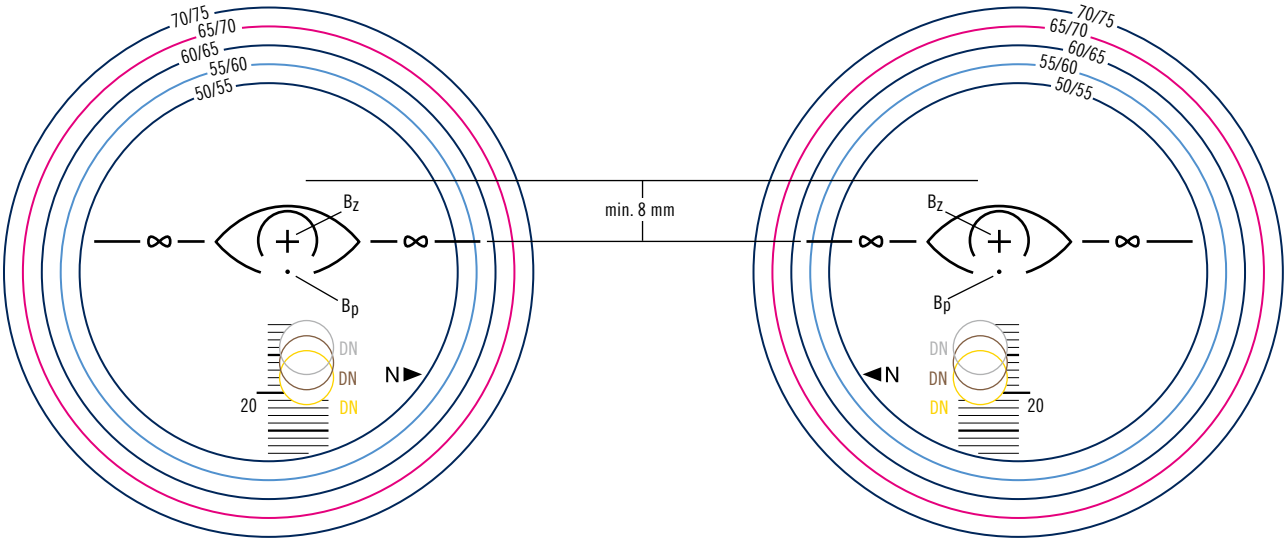
Important considerations

Technical details

GLASS

RODENSTOCK

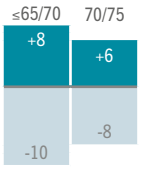
Diameter template



	Progression length	Minimum fitting height	Minimum lens height
V	14–18 mm	16–20 mm	24–28 mm[1]
L	18 mm	20 mm	28 mm
M	16 mm	18 mm	26 mm
XS	14 mm	16 mm	24 mm

1.60

UV 330



CYL up to +4.00 D | Add +0.75 to +3.50 D | Prism 3 cm/m | Different powers may be possible on request.

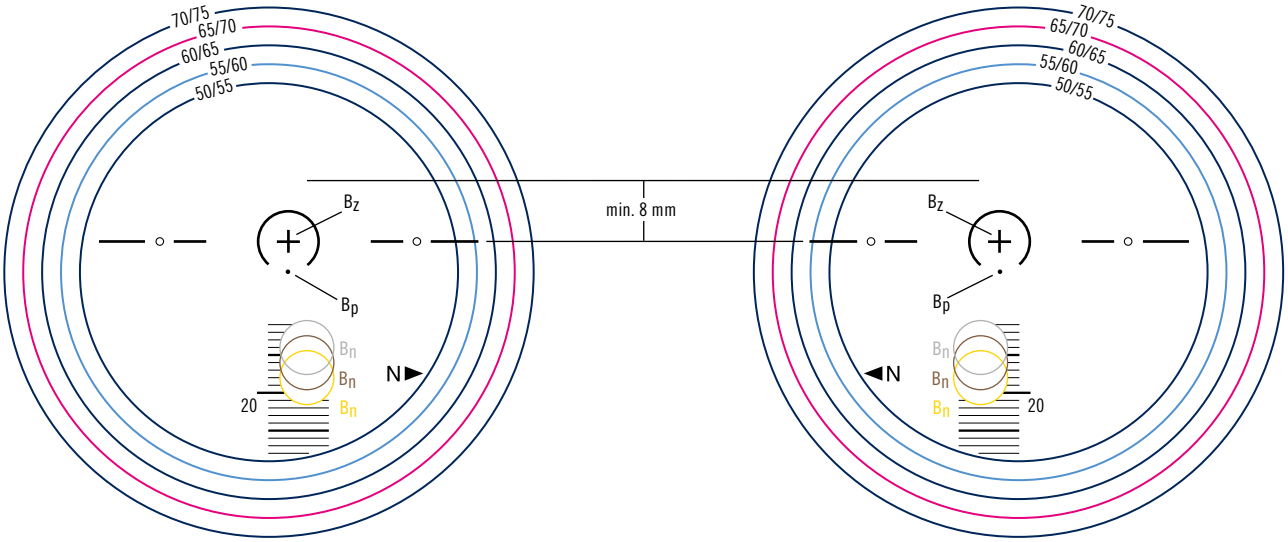
Important considerations

- Please specify the individual parameters (PD, Pantoscopic Tilt, Face Form Angle, Cornea Vertex Distance) when ordering the Impression 2.
- For Impression Variabel (V), you can also specify the DN value. If frame and centering data is provided, the optimal Progression zone length will be determined.
- For optimal results, you can specify the individual reading distance and the reading distance during refraction separately. The default reading distance is 40 cm.
- Rodenstock calculates the variable decentering up to 5 mm when you specify frame and centering data.

Technical details

1 Depending on DN: Minimum lens height: DN +10 mm.

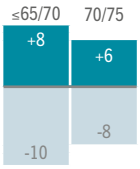
Diameter template



	Progression length	Minimum fitting height	Minimum lens height
L	18 mm	20 mm	28 mm
M	16 mm	18 mm	26 mm
XS	14 mm	16 mm	24 mm

1.60

UV 330



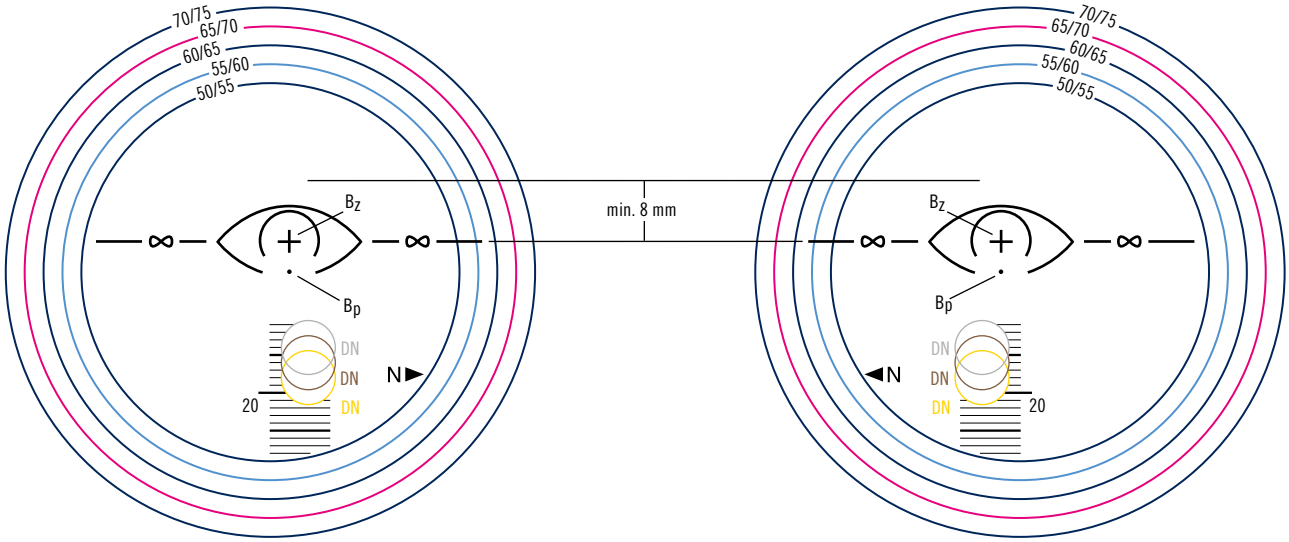
CYL up to +4.00 D | Add +0.75 to +3.50 D | Prism 3 cm/m | Different powers may be possible on request.

Important considerations

- For best results, please specify the individual PD.

Technical details

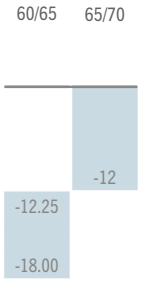
Diameter template



	Progression length	Minimum fitting height	Minimum lens height
L	18 mm	20 mm	28 mm
XS	14 mm	16 mm	24 mm

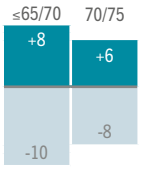
1.80

UV 330



1.60

UV 330



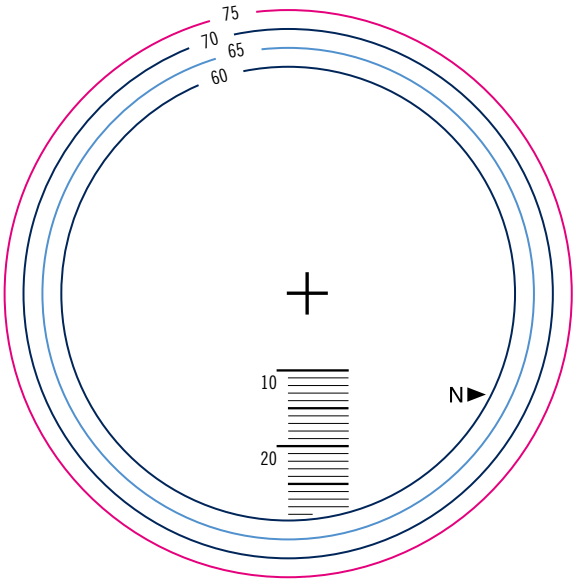
CYL up to +4.00 D | Add +0.75 to +3.50 D | Prism 3 cm/m | Different powers may be possible on request.

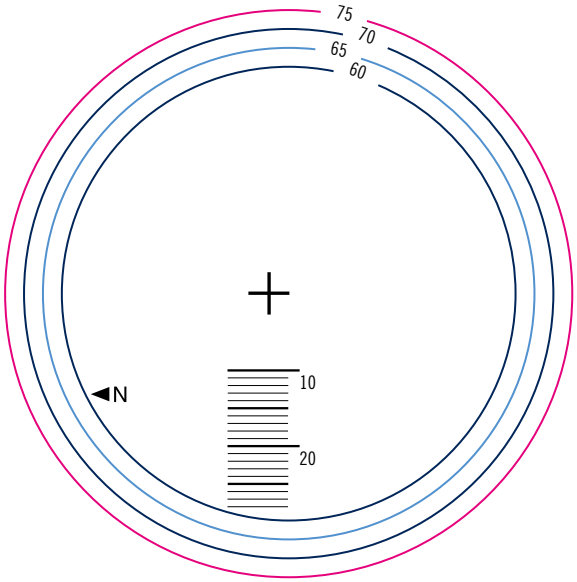
Important considerations

- For best results, please specify the individual PD.

Technical details

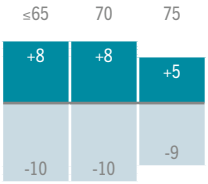
Diameter template





1.60

UV 330



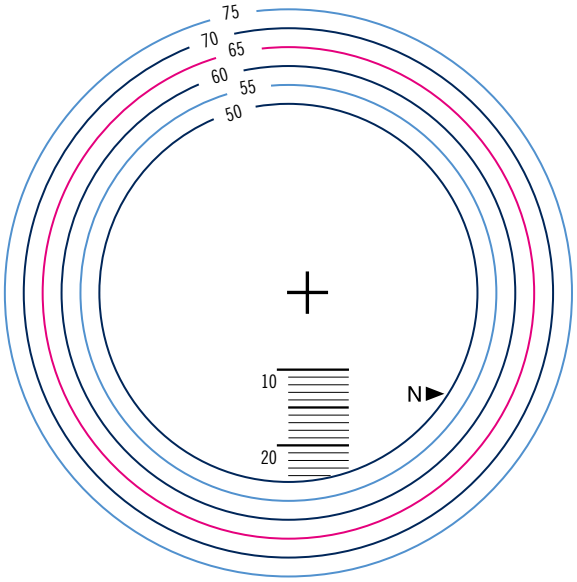
CYL up to +4.00 D | Prism 2 cm/m | Different powers may be possible on request.

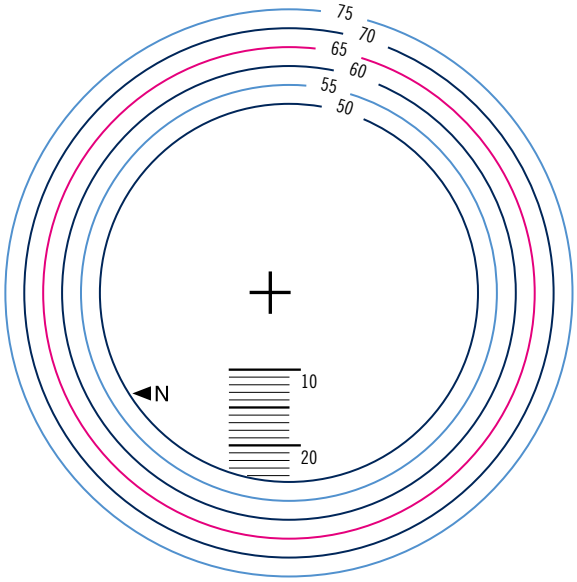
Important considerations

- Lens Fitting: According to the centre of rotation of the eye. For manual determination of the centering height, the wearer should lift the head slightly when wearing the fitted frame, resulting in the frame being perpendicular to the floor. With a horizontal direction of gaze the centering point must be on centre of the pupil.

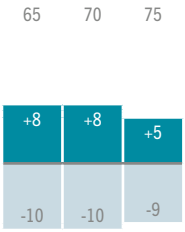
Technical details

Diameter template





1.80	1.60
UV 330	UV 330



CYL up to +4.00 D | Prism 2 cm/m | Different powers may be possible on request.

Important considerations

- From -10.00 D: see Formlenti Plano (Manufaktur Specials)

Technical details

1 From -25.25 D: atoric effect | 2 Colormatic 1.50 Ø75 only available in Brown.

MANUFAKTUR

THE RODENSTOCK MANUFAKTUR: INDIVIDUAL. PRECISE. FIRST-CLASS.

You have demanding patients? Patients with very special vision demands? Or with unusual requests? The Rodenstock Manufaktur is your number one contact partner for all special lenses.

Individual, precise, first-class
Rodenstock has decades of experience in the manufacture of special lenses. All of this experience goes into the manufacture of the products from the Rodenstock Manufaktur.

Every lens that leaves the Rodenstock Manufaktur is a unique product of the highest possible quality. Every special product is measured and calculated individually by the experts in the calculation office of the Manufaktur in Regen/Germany. Special machines developed in-house support the production. If these precision tools reach the limits of their capability, we continue by hand.

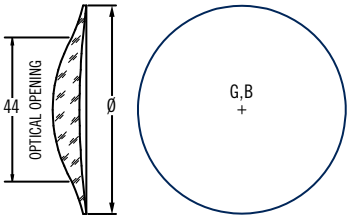
Everything is possible:
Send us your request and our special team makes it happen. We deliver lenses for:

- Extreme prescriptions up to +22.00 D or -24.00 D
- Medical purposes e.g. kids bifocal lenses for accommodative strabismus
- Bifocals or trifocals with special vision zones
- Collector's items such as lorgnettes or individually glazed swimming googles

YOUR BENEFITS AT A GLANCE

- The optimum solution for every patient need
- The utmost quality, partially hand-made
- Comprehensive product range

Perfastar



- Starlenti 1.5 for high plus strengths
- Aspherical rotation symmetrical design
- No swim effect in the peripheral vision
- Performs the same as a full-view glass aesthetically

1.50

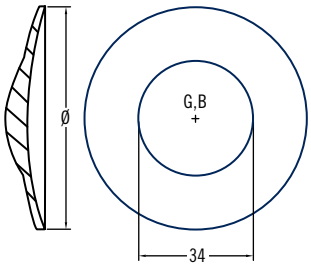
≤65

+22

+8

CYL > +4.00 D on request | Prism > 5 cm/m on request | Different powers may be possible on request | Delivery time: ± 5 working days

Starlenti



- Single vision, Starlenti 1.5 for higher plus strengths
- Plano bearing edge
- Preformed prescription lens

1.50

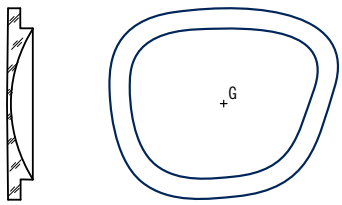
65

+26

+6.25

CYL > +4.00 D on request | Prism > 5 cm/m on request | Different powers may be possible on request | Delivery time: ± 5 working days

Formlenti Plano



- Lenticular lens
- Primary lens plan with prescription segment cut according to disc shape
- Width of Ormlenti plano approx. 5 mm
- Includes lens fitting service, please send in your frame

1.50

65 70

-10 -10 -15

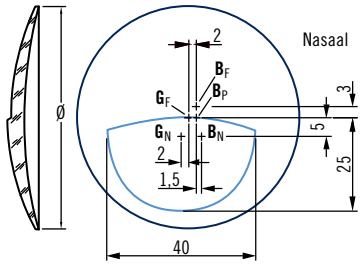
-20

CYL > +4.00 D on request | Prism > 5 cm/m on request | Different powers may be possible on request | Delivery time: 10–15 working days

Legend

B	Reference point	G	Geometric centre
BF	Reference point Distance vision	GF	Geometric centre of Distance vision segment
BN	Reference point Near vision		
BP	Reference point Prism	GN	Geometric centre of Near vision segment

Excelit AS (C40)



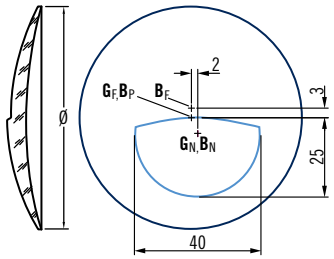
- Bifocal lens designed to alleviate strabismus due to convergence excess
- Lightweight
- Convex reading segment with curved divider
- Reading segment is temporally decentered
- With a minimum diameter of 40 mm, Excelit AS (C40) can be made extremely thin and light.

1.50

40/44	45/49	50/54	55/59	60/64
+8	+8	+8	+8	+8
-6	-6	-6	-6	-6

CYL > +4.00 D on request | Add +0.50 to +3.00 D | Prism > 5 cm/m on request | Different powers may be possible on request | Reading segment 40 x 25 | Delivery time: ± 5 working days

Datalit Bifo (C40)



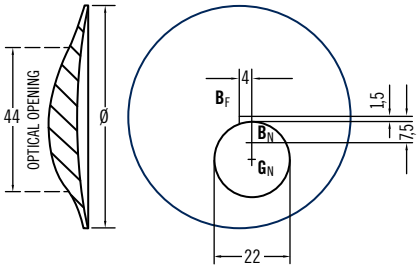
- 45% lighter than mineral glass
- Unobtrusive reading segment separation
- Large field of view for near vision

1.50

60	65	70	75
+8	+8	+6	+4
-6	-6	-6	-6

CYL > +4.00 D on request | Add +0.50 to +3.00 D | Prism > 5 cm/m on request | Different powers may be possible on request | Reading segment offset relative to optical centre 2.0 mm | Reading segment 40 x 25 | Delivery time: ± 5 working days

Perfastar Bifo



- Bifocal, stiff lenticular lens for higher plus strengths
- Aspheric lens design
- Cosmetic due to flat and thin design
- Optical distance vision zone is 44 mm
- Convex, round reading segment
- Edging aspherical lenses 1 mm lower for every 2 degrees of frame inclination relative to centre of pupil

1.50

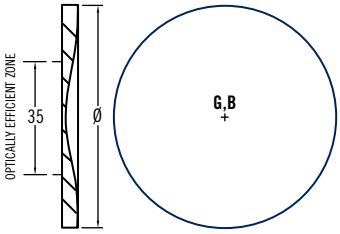
≤65
+16
+8

CYL > +4.00 D on request | Add +2.00 to +3.00, +3.50, +4.00 D | Prism > 5 cm/m on request | Different powers may be possible on request | Delivery time: ± 5 working days

Legend

B	Reference point	G	Geometric centre
BF	Reference point Distance vision	GF	Geometric centre of Distance vision segment
BN	Reference point Near vision		
BP	Reference point Prism	GN	Geometric centre of Near vision segment

Lentilux Glass



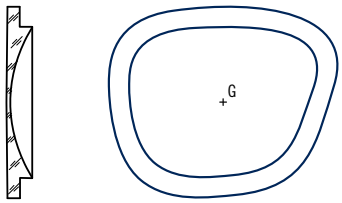
- Aspheric, high refractive lenticular lens for medium and high myopia
- Smooth edge progression
- Minimum edge thickness

1.70
40, 45, 50, 55, 60, 65, 70

-6
-24

CYL > +4.00 D on request | Prism > 5 cm/m on request | Different powers may be possible on request. | Diameter of the aspheric optically efficient zone segment: approx. 40 mm at -6.00 D & approx. 30 mm at -24.00 D.

Formlenti Plano Perfalux Glass



- Lenticular lens
- Basic lens (plano) in combination with discodial effective zone
- Width of fringe approx. 5 mm
- Glazing included, please send in the frame

1.70
65

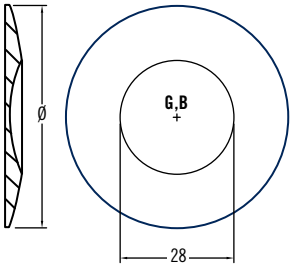
-10
-28

1.50
65

-10
-20

CYL > +4.00 D on request | Prism > 5 cm/m on request | Different powers may be possible on request.

Lenti Concave Glass



- Lenticular glass for high myopia
- Basic lens; optical effective zone
- Round effective zone, convex edge
- Other lens diameter available on request

1.70
40, 45, 50, 55, 60, 65

-10
-30

1.50
40, 45, 50, 55, 60, 65

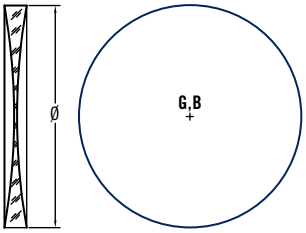
-10
-25

CYL > +4.00 D on request | Prism > 5 cm/m on request | Different powers may be possible on request.

Legend

B	Reference point	G	Geometric centre
BF	Reference point Distance vision	GF	Geometric centre of Distance vision segment
BN	Reference point Near vision	GN	Geometric centre of Near vision segment
BP	Reference point Prism		

Biglas: Biconcave Glass



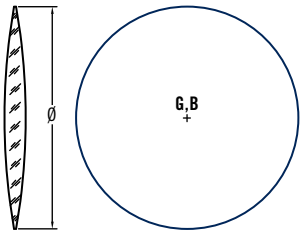
- For lorgnettes, pince-nez, monocles or clip-ons

1.50
40, 45, 50, 55, 50, 65

0
-20

CYL > +4.00 D on request | Prism > 5 cm/m on request | Different powers may be possible on request.

Biglas: Biconvex Glass



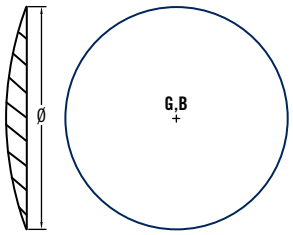
- For lorgnettes, pince-nez, monocles or clip-ons

1.50
40, 45, 50, 55, 50, 65

+20
0

CYL > +4.00 D on request | Prism > 5 cm/m on request | Different powers may be possible on request.

Planoconvex Glass



- Lens for diving goggles with higher refractive index
- Glazing for diving goggles possible
- Based on the varying calculation please indicate the order with: "for diving goggle"

1.70
40, 45, 50, 55, 60, 65

+10
0

1.50
50, 55, 60, 65, 70, 75

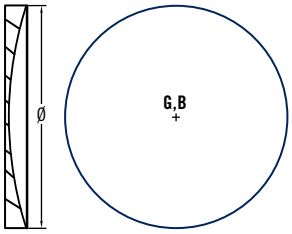
+10
0

CYL > +4.00 D on request | Prism > 5 cm/m on request | Different powers may be possible on request.

Legend

B	Reference point	G	Geometric centre
BF	Reference point Distance vision	GF	Geometric centre of Distance vision segment
BN	Reference point Near vision	GN	Geometric centre of Near vision segment
BP	Reference point Prism		

Planoconcave Glass

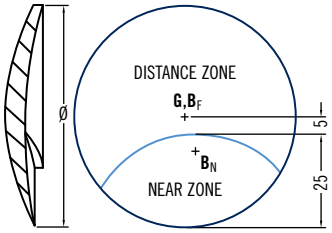


- Lens for diving goggles with higher refractive index
- Glazing for diving goggles possible
- Based on the varying calculation please indicate the order with: "for diving goggle"

1.70	1.50
50, 55, 60, 65, 70	50, 55, 60, 65, 70, 75
0	0
-10	-10

CYL > +4.00 D on request | Prism > 5 cm/m on request | Different powers may be possible on request.

Ardis Glass

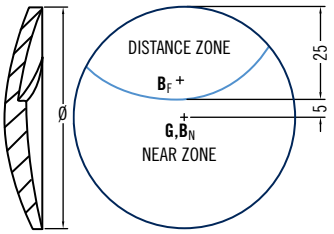


- Bifocal special lens
- Manufactured out of a single blank
- Different prism indication for far and near vision area possible
- Standard slewing: $\alpha = 6°$
- Individual or without slewing of the near vision segment possible
- No image jump
- Variable predecentration possible

1.50
50, 55, 60
+10
-10

CYL > +4.00 D on request | Add +0.50 to +7.00 D | Prism > 5 cm/m on request | Different powers may be possible on request.

Ardis Reverse Glass



- Inverted bifocal special lens – inverted Ardis with a segment for distance vision and a small segment for near vision
- Manufactured out of a single blank
- Different prism indication for far and near vision area possible
- Individual or without slewing of the near vision segment possible
- Standard slewing: $\alpha = 6°$
- No image jump
- Variable predecentration possible

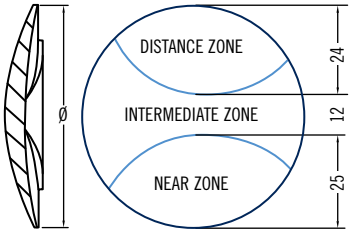
1.50
50, 55, 60
+10
-10

CYL > +4.00 D on request | Add +0.50 to +7.00 D | Prism > 5 cm/m on request | Different powers may be possible on request.

Legend

B	Reference point
BF	Reference point Distance vision
BN	Reference point Near vision
BP	Reference point Prism
G	Geometric centre
GF	Geometric centre of Distance vision segment
GN	Geometric centre of Near vision segment

Ardis FZN Glass

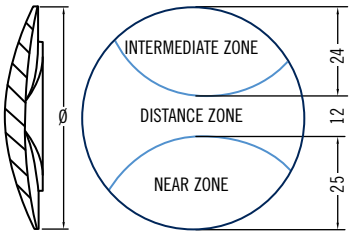


- Trifocal special lens (far-intermediate-near)
- Manufactured out of a single blank
- Different prism indication for all vision areas possible
- Standard slewing: α = 3°
- Free choice of lens power for the intermediate segment, standard: ½ of addition
- Individual or without slewing possible
- No image jump
- Variable predecentration possible

1.50
50, 55, 60
+10
-10

CYL > +4.00 D on request | Add +0.50 to +7.00 D | Prism > 5 cm/m on request | Different powers may be possible on request.

Ardis ZFN Glass

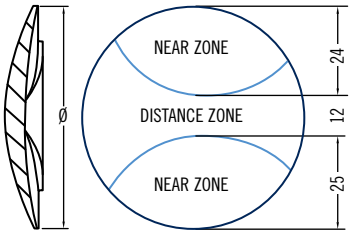


- Trifocal special lens (intermediate-far-near)
- Manufactured out of one blank
- Different prism indication for all vision areas possible
- Standard slewing intermediate to far segment: α = 3°
- Standard slewing far to near segment: α = 6°
- Individual or without slewing possible
- Free choice of lens power for the intermediate segment, standard: ½ of addition
- No image jump
- Variable predecentration possible
- Perfect for mechanics and electricians

1.50
50, 55, 60
+10
-10

CYL > +4.00 D on request | Add +0.50 to +7.00 D | Prism > 5 cm/m on request | Different powers may be possible on request.

Ardis NFN Glass



- Trifocal special lens (near-far-near)
- Manufactured out of a single blank
- Different prism indication for all vision - areas possible
- Standard slewing far to near segment: α = 6°
- Individual or without slewing possible
- No image jump
- Variable predecentration possible
- Perfect for craftsmen and mechanics

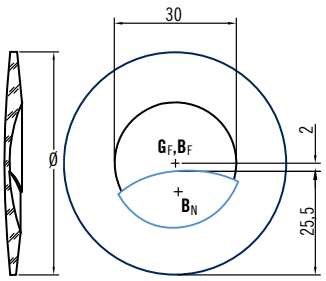
1.50
50, 55, 60
+10
-10

CYL > +4.00 D on request | Add +0.50 to +7.00 D | Prism > 5 cm/m on request | Different powers may be possible on request.

Legend

B	Reference point	G	Geometric centre
BF	Reference point Distance vision	GF	Geometric centre of Distance vision segment
BN	Reference point Near vision	GN	Geometric centre of Near vision segment
BP	Reference point Prism		

Ardis Lenti Concave Glass



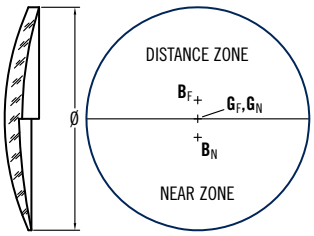
- Bifocal special lens for high myopic indications
- Round effective zone, convex grounded boarder on the concave side of the lens
- Different prism indication for all vision areas possible
- Standard slewing far to near segment: $\alpha = 6°$
- Individual or without slewing possible
- No image jump
- Variable predecentration possible

1.50
50, 55

-10
-16

CYL > +4.00 D on request | Add +0.50 to +7.00 D | Prism > 5 cm/m on request | Different powers may be possible on request.

Excellent Glass



- Bifocal special lens with flat top
- Manufactured out of a single blank
- Different prism indication for far and near vision area possible
- Variable decentration of near vision area possible
- Also available as trifocal lens

1.50
55, 60, 65

+6

-10

CYL > +4.00 D on request | Add +0.50 to +7.00 D | Prism > 5 cm/m on request | Different powers may be possible on request.

Legend

B	Reference point	G	Geometric centre
BF	Reference point Distance vision	GF	Geometric centre of Distance vision segment
BN	Reference point Near vision	GN	Geometric centre of Near vision segment
BP	Reference point Prism		

CONSULTING & TOOLS

RODENSTOCK

DNEye® SCANNER 2+

The DNEye® Scanner is the heart of B.I.G. EXACT® and is a combination of a wavefront aberrometer, an autorefractor and a corneal topographer[1, 2]. It is the perfect instrument for highly accurate eye measurements.

Unlike commercially available aberrometers, the DNEye® Scanner measures the eyes at both near and distance vision. The lower and higher order abberations of the eye and the individual pupil size are also determined in this process. Higher-Order Abberations (HOAs) cannot be corrected by a lens, but their impact on vision can be minimised by adjusting spherical and cylindrical strength. Rodenstock uses B.I.G. EXACT® technology to optimise the sphero-cylindrical strength at each point of the lens based on the eye's aberrometric measurement data.

The DNEye® Scanner 2+ also provides the following features:

- **Opacity**
  The brightness of the eye lens is examinied using retroillumination.
- **Pachymetry**
  The integrated Scheimpflug camera measures corneal thickness and provides a detailed analysis of the anterior chamber of the eye.
- **Tonometry**
  The DNEye® Scanner 2+ also features an air-jet applanation tonometer for non-contact measurement of intraocular pressure. Combined with the corneal thickness determined with pachymetry, this provides a more accurate and reliable intraocular pressure result.

The DNEye® Scanner 2+ also has several new software features that simplify the consulting process and enable more efficient work:

- **Remote display**
  Measurement results can be displayed on remote devices, including tablets. While discussing the measurement results with a patient, a new patient can already be measured.
- **Comparing measurement results**
  Compare different measurements of a patient directly at a single glance.
- **Import interface**
  The DNEye® Scanner 2+ can import patient data from suitable external customer management systems with a corresponding interface.
- **Compiling reports**
  Reports can be generated, exported, emailed and printed directly from the DNEye® Scanner 2+. You determine the desired content of your documentation.
- **Faster backup**
  Data backup can be performed incrementally, so that only the latest changes and updates are transferred to the backup. This makes the backup process significantly faster.
- **Online updates**
  Updates can be downloaded directly from the Internet, enabling you to easily update your software when necessary.

Source: 1 K. Nicke “Brillengläser der Zukunft - Schritt 3 - Der DNEye Scanner”, Der Augenoptiker 12/2012; 2 D. Evdokimova et. al., “Neues multifunktionales Messgerät”, Der Augenoptiker 01/2017

DNEye® SCANNER 3

WELCOME TO THE WORLD OF BIOMETRIC PRECISION

DISCOVER FUNCTIONS AND IMPROVEMENTS

	DNEye® SCANNER 2	DNEye® SCANNER 3	
MEASUREMENTS			
Aberrometry far	✓	✓	
Aberrometry near	✓	✓	
Topography	✓	✓	
Pupillometry	✓	✓	
Scheimpflug	section	areal	Improved
Tonometry	only DNEye® Scanner 2+	✓	
Opacity Image	✓	✓	
Fundus Image		✓	New
Tear Film Analysis		✓	New
Eye Image		✓	New
FEATURES			
Intuitive Rodenstock user interface	++	+++	Improved
Comparison of measurements	✓	✓	
Remote View (web browser)	built-in	via CNXT®	Improved
Generation of reports	✓	✓	
WiFi-Module	✓	✓	
CNXT® integration	✓	✓	
Touch screen size in pixel (% related to DNEye® Scanner 1)	1024x600 (+28%)	1920x1080 (+332%)	Improved
Multi user capability		✓	New

The DNEye® Scanner 3 will be the latest generation of the DNEye® Scanner range. It remains, of course, the perfect device for highly accurate eye measurements.

IMPRESSIONIST® 4+

The ImpressionIST® is the world's first video centering system that allows the measurement of all individual parameters in natural head and body positions without an additional clip. Using our patented stereo camera system, all parameters can be determined from two images that are captured simultaneously within one measurement step. Using 3D measurement technology, it delivers accurate measurement results almost instantly.

For optimal visual comfort, lenses must be perfectly matched to your customer's eyes, facial geometry and chosen frame. The ImpressionIST® 4+ from Rodenstock is your ideal device for the complete determination of all centring values as required for high-quality lenses. With the latest generation of our innovative video centring system, all relevant centring parameters can be determined easily, quickly and with high precision: The ImpressionIST® 4+ allows them to be recorded in the natural habitual head and body posture – without the need for a cumbersome measuring attachment, which often distorts the measurements. The objective measurement using a patented 3D stereo camera system guarantees a measuring accuracy that is clearly superior to the manual method in terms of quality and reproducibility. The ImpressionIST® 4+ is available in free-standing and wall-mounted versions. There is also plenty of room for the device in stores with limited space.

All measurement data of the ImpressionIST® 4+ flow into CNXT®, the digital platform that you can use to integrate all your Rodenstock measuring devices and also your industry software. This simplifies the sales process and gives you more time for your customers.

The highlights:

- More practical: Integrated distance LED light for easier positioning of your patient in front of the ImpressionIST® 4+
- More efficient: Easier and faster acquisition of all centring values thanks to further developed supporting software.*
- More inspiring: Significantly improved image quality through optimised cameras and flash LEDs for aesthetic images with natural colours, which allow precise determination of the centring parameters.*

* Compared to ImpressionIST® 3 and ImpressionIST® 4

CNXT® PROFESSIONAL

Rodenstock's intelligent software which connects Rodenstock measuring devices and industry software to streamline workflow. Patient data relevant for analysis, evaluation and lens consulting are immediately synchronised on all devices and available at any time. With CNXT® Professional, benefit from the combined performance of CNXT® Select and CNXT® Smart technologies, all in a single software solution.

CNXT® SMART

The CNXT® smart service provides intelligent and automatic data exchange between the Rodenstock DNEye® Scanner 2+/3, the ImpressionIST® 4/4+, the Rodenstock ordering program WinFIT Reference®, and your practice management software. CNXT® simplifies the recording of patient-specific data during the consultation and sales meeting and reduces time-consuming administrative tasks. Measurement data for evaluation, advice and ordering of spectacle lenses is always synchronised in real time and flexibly accessible on all digital devices, such as your laptop, desktop, tablet and smartphone.

More time for patients

When combined with B.I.G. Vision®, CNXT® takes consulting and data management to the next level and simplifies day-to-day operations. The intelligent exchange of measurement and patient data accelerates or eliminates administrative and manual actions. The 100% availability of data on all devices means up to 60% fewer clicks for opticians, which can lead to time savings of up to 80%. Updates and data backups are also performed automatically.

CNXT® SELECT

CNXT® Select has been designed to highlight your expertise. Your way of working and your individual lens portfolio are now perfectly aligned to guide your patients to the most suitable products. Interactive, visualised and available at any time on all devices in your store. Try it for yourself and enjoy absolute patient satisfaction and the highest sales figures.

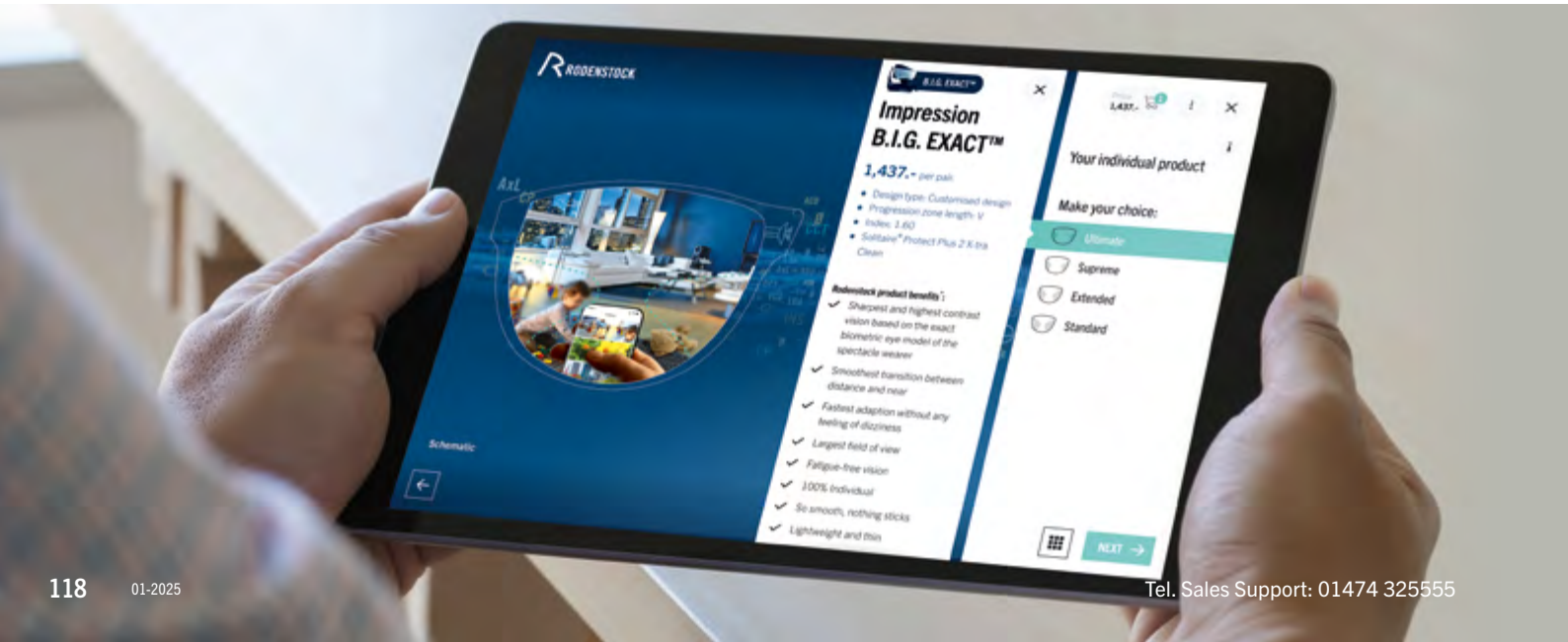
CNXT® SELECT - YOUR NEW SALES AND CONSULTING ASSISTANT

CNXT® Select has been developed with opticians who value quality and advice – just like you. It is a highly customisable and visually appealing guide to enhance your expertise and define your individual advice methods.

CNXT® Select helps consumers understand what high-quality lenses and coatings are and how important they are to improving vision and protecting the eyes.

WITH CNXT® Select YOU CAN:

- Determine your individual lens portfolio or predefined product packages;
- Set or change individual prices and determine whether they should be displayed or not;
- When combined with CNXT® Smart, the recommendations can be exported directly to your practice management software or Winfit®;
- Make your advice method the gold standard for your entire team



NEW!

RODENSTOCK PATIENT APP

Connect with your patients through Rodenstock's new App, designed to enhance patient engagement and promote long-term loyalty. With a range of innovative features, the app helps you stay in touch with patients, showcase current promotions and track lens sales.

Key Features:

1. Enhanced Patient Communication

- **Appointment reminders:** Ensure patients never miss an eye test with timely appointment reminders
- **Product information:** Showcase your latest products, keeping patients informed about your innovative portfolio
- **Contact Details:** Provide quick access to your practice's contact information, making it easy for patients to get in touch

2. Empower Patients with Prescription Insights:

- **Prescription and DNEye® Measurements:** Increase patient visibility and understanding of their eye health. With just a few taps, patients can view their eye test results and DNEye® measurements.
- **Seamless Information Transfer:** The app works alongside CNXT® to seamlessly transfer patient information from the practice screen directly to the app.

3. Drive Sales

- **Promotions:** Advertise your current promotions directly within the app, ensuring patients are always aware of the latest offers.
- **Lens Sale Overview:** Track your Rodenstock lens sales with an intuitive overview of lenses sold.

The Rodenstock app is available for B.I.G. Vision Experts with CNXT®. To sign up for 2025, please contact the Tools & Services team on **itteam@rodenstock.co.uk**

WINFIT® REFERENCE

You can use WinFit® Reference to quickly and easily enter orders and forward them to Rodenstock with a single click.

WinFit® Reference offers a wide array of practical features:

- Online calculation and comparison of selected lenses, centre thickness reduction, edge thicknesses and drill-hole computing;
- Representation of the edge thickness in cross-section;
- Impressive 3D simulation to visualise lens thicknesses;
- Calculation of the base curve and verification of technical feasibility;
- Shape data management with standard shape data and your own saved shapes;
- Support for wide range of tracer models;
- Integrated order tracking to determine where your order is in the production chain (order management);
- Data transfer from ImpressionIST® or CXNT®;
- Data transfer from DNEye® Scanner/DNEye® Scanner 2+/3 for ordering B.I.G. EXACT®;
- The latest Rodenstock offers.

EDGING & ASSEMBLY

Remote edging
Rodenstock can edge your lenses to their final shape remotely. To use this service, please send us the standard order data of your lenses along with the frame data, the DBL (distance between the lenses) and your patient's centering data by remote data transfer (EDI) (e.g. via WinFit® Reference). Rodenstock also requires additional information, such as the frame material and edge type, to accurately edge your lenses to shape and size. Lenses are edged at Rodenstock using high-precision industrial edging and milling machines. All lenses undergo rigorous quality and centering precision checks before shipping.

Assembly
A glazed differs from a “Remote Edging” order in that we send you a completely assembled frame. You must also send the frame to Rodenstock. The type of edge and its position are perfectly matched to the individual frame. After edging, our technicians mount the lenses in the frame. The glasses are checked at the final inspection and then shipped to you.

Special orders
Rodenstock processes all special orders or orders with particularly high strengths as Manufaktur orders. Examples include high prisms, lenticular glazing orders, diving goggles, or other high strengths. Such orders require particularly close communication between you, our laboratory and customer support.

Shape database
WinFit Reference includes a shape database that you can use to order your glasses. The accuracy of the shape data depends on the reproducibility of the frames. As such, the shape database is not accurate enough for remote ordering facetted lenses. However, you can use the shape data to determine the lens diameter. This data is replaced with the individual frame data in the lab for edged orders.

Engraving overview

	Lens type	Lens structure		Functional engraving	place of functional engraving	Additional engravings	
		Front surface	Back surface			Design points / Additional	
B.I.G. EXACT Sensitive	Impression B.I.G. EXACT Sensitive	spherical	aspheric/ atoric freeform surface	*with Prisms or visible brand mark	Back surface	DF / DN for individual Design DN for Designtypes	
	Impression B.I.G. EXACT Sensitive Ergo						
	Impression B.I.G. EXACT Sensitive Mono / Mono +						
	Impresion B.I.G. EXACT Sensitive Sport					DF	
	Impression B.I.G. EXACT Sensitive Mono Sport					DF, - Minus sign	
B.I.G. EXACT / B.I.G. NORM	Impression B.I.G. EXACT / B.I.G. NORM					DF / DN for individual Design DN for Designtypes	
	Multigressiv B.I.G. EXACT / B.I.G. NORM					DN	
	Progressiv B.I.G. EXACT / B.I.G. NORM						
	Impression B.I.G. EXACT / B.I.G. NORM Ergo					DM / DN for individual Design, DN for Designtypes	
	Multigressiv B.I.G. EXACT / B.I.G. NORM Ergo					DN for Designtypes	
	Progressiv B.I.G. EXACT / B.I.G. NORM Ego						
	Impression B.I.G. EXACT / B.I.G. NORM Mono / Mono +					- Minus sign	
	Multigressiv B.I.G. EXACT / B.I.G. NORM Mono / Mono +						
	Cosmolit B.I.G. EXACT / B.I.G. NORM Mono / Mono +						
	Impresion B.I.G. EXACT / B.I.G. NORM Sport					DF	
	Impression B.I.G. EXACT / B.I.G. NORM Mono Sport					DF, - Minus sign	
STANDARD	Progressiv Life					DN	
	Progressiv Ergo						
	Progressiv Sport						
	Impression Mineral						
	Multigressiv Mineral						
	Progressiv Life Mineral						
	Perfalit Sport		aspheric/ atoric freeform surface				
	MyCon					- Minus sign	
	MyCon 2						
	Perfalit*		spheric / toric			SV	
	Cosmolit*	aspherical				SV	

The visible brandmark “R” is engraved in such a way that it is recognisable when looking at the front surface of the lens:
The visible brand marking is engraved on all branded lenses if the frame and centring data are available.

First 3 digits of Ordercodes				Optional for individual near refraction / B.I.G.Exact Sensitive / B.I.G. Exact	Base curve	Material-index	Addition	Distance centring cross/DF/DM to DN/BN [mm]	Minimum frame height [mm]	Minimum edging height [mm]
I5F	Impression B.I.G. EXACT Sensitive	I5V	Impression B.I.G. Sensitive EXACT Allround V							
I5H	Impression B.I.G. EXACT Sensitive Active	I5S	Impression B.I.G. Sensitive EXACT Allround S							
I5L	Impression B.I.G. EXACT Sensitive Allround L	I5I	Impression B.I.G. Sensitive EXACT Expert							
I5M	Impression B.I.G. EXACT Sensitive Allround M	I5R	Impression B.I.G. Sensitive EXACT Road							
								Individual Design 13 to 24 Designtypes 14 to 20	Indiv. Design 23 to 34 V = 24 to 30 S = 24 M = 26 L = 28	Indiv. Design 15 to 22 V = 16 to 22 S = 16 M = 18 L = 20
IKD	Impression B.I.G. EXACT Sensitive Ergo	IKA	Impression B.I.G. EXACT Sensitive Ergo PC				temporal in two digits, e.g.. 20 for Add 2,00 D			
IKB	Impression B.I.G. EXACT Sensitive Ergo Book	IKC	Impression B.I.G. EXACT Sensitive Ergo Room					Individual Design 12 to 24 Designtypes 14 to 20	Individual Design 25 to 36 Designtypes 22 to 28	Individual Design 14 to 22 Designtypes 16 to 22
I9E	Impression B.I.G. EXACT Sensitive Mono	I9B	Impression B.I.G. EXACT Sensitive Mono+ 0.8							
I9P	Impression B.I.G. EXACT Sensitive Mono+ 0.5	I9U	Impression B.I.G. EXACT Sensitive Mono+ 1.1							
I9K	Impression B.I.G. EXACT Sensitive Sport						temporal in two digits, e.g.. 20 for Add 2,00 D	18 to 22	28 to 32	20
I5O	Impression B.I.G. EXACT Sensitive Mono Sport									
IAF	Impression B.I.G. NORM	I5F	Impression B.I.G. EXACT							
IAH	Impression B.I.G. NORM Active	I5H	Impression B.I.G. EXACT Active					Individual Design 13 to 24 Designtypes 14 to 20	Indiv. Design 23 to 34 V = 24 to 30 S = 24 M = 26 L = 28	Indiv. Design 15 to 22 V = 16 to 22 S = 16 M = 18 L = 20
IAL	Impression B.I.G. NORM Allround L	I5L	Impression B.I.G. EXACT Allround L							
IAM	Impression B.I.G. NORM Allround M	I5M	Impression B.I.G. EXACT Allround M							
IAV	Impression B.I.G. NORM Allround V	I5V	Impression B.I.G. EXACT Allround V							
IAS	Impression B.I.G. NORM Allround S	I5S	Impression B.I.G. EXACT Allround S							
IAI	Impression B.I.G. NORM Expert	I5I	Impression B.I.G. EXACT Expert							
IAR	Impression B.I.G. NORM Road	I5R	Impression B.I.G. EXACT Road							
MAH	Multigressiv B.I.G. NORM Active	M5H	Multigressiv B.I.G. EXACT Active					Designtypes 14 to 20	V=24 to 30 S=24 M=26 L=28	V = 16 to 22 S = 16 M = 18 L = 20
MAL	Multigressiv B.I.G. NORM Allround L	M5L	Multigressiv B.I.G. EXACT Allround L							
MAM	Multigressiv B.I.G. NORM Allround M	M5M	Multigressiv B.I.G. EXACT Allround M							
MAV	Multigressiv B.I.G. NORM Allround V	M5V	Multigressiv B.I.G. EXACT Allround V							
MAS	Multigressiv B.I.G. NORM Allround S	M5S	Multigressiv B.I.G. EXACT Allround S							
MAI	Multigressiv B.I.G. NORM Expert	M5I	Multigressiv B.I.G. EXACT Expert							
MAR	Multigressiv B.I.G. NORM Road	M5R	Multigressiv B.I.G. EXACT Road					V = 14 to 20 L=18 M=16 S=14		
GAL	Progressiv B.I.G. NORM Allround L	G5L	Progressiv B.I.G. EXACT Allround L							
GAM	Progressiv B.I.G. NORM Allround M	G5M	Progressiv B.I.G. EXACT Allround M							
GAS	Progressiv B.I.G. NORM Allround S	G5S	Progressiv B.I.G. EXACT Allround S							
GAV	Progressiv B.I.G. NORM Allround V	G5V	Progressiv B.I.G. EXACT Allround V							
IQD	Impression B.I.G. NORM Ergo	IGD	Impression B.I.G. EXACT Ergo		nasal in two digits in front of index, e.g. 55 for BK 5,5	nasal in two digits behind Base curve 50 = n=1.50 54 = n=1.54 60 = n=1.60 67 = n=1.67 74 = n=1.74	temporal in two digits, e.g.. 20 for Add 2,00 D	Individual Design 12 to 24 Designtypes 14 to 20	Individual Design 25 to 36 Designtypes 22 to 28	Individual Design 14 to 22 Designtypes 16 to 22
IQB	Impression B.I.G. NORM Ergo Book	IGB	Impression B.I.G. EXACT Ergo Book							
IQA	Impression B.I.G. NORM Ergo PC	IGA	Impression B.I.G. EXACT Ergo PC							
IQC	Impression B.I.G. NORM Ergo Room	IGC	Impression B.I.G. EXACT Ergo Room							
MQB	Multigressiv B.I.G. NORM Ergo Book	MGB	Multigressiv B.I.G. EXACT Ergo Book					14 to 20	22 to 28	16 to 22
MQA	Multigressiv B.I.G. NORM Ergo PC	MGA	Multigressiv B.I.G. EXACT Ergo PC							
MQC	Multigressiv B.I.G. NORM Ergo Room	MGC	Multigressiv B.I.G. EXACT Ergo Room							
GQB	Progressiv B.I.G. NORM Ergo Book	GGB	Progressiv B.I.G. EXACT Ergo Book							
GQA	Progressiv B.I.G. NORM Ergo PC	GGA	Progressiv B.I.G. EXACT Ergo PC							
GQC	Progressiv B.I.G. NORM Ergo Room	GGC	Progressiv B.I.G. EXACT Ergo Room							
IAE	Impression B.I.G. NORM Mono	I5E	Impression B.I.G. EXACT Mono							18
IAP	Impression B.I.G. NORM Mono+ 0.5	I5P	Impression B.I.G. EXACT Mono+ 0.5							
IAB	Impression B.I.G. NORM Mono+ 0.8	I5B	Impression B.I.G. EXACT Mono+ 0.8							
IAU	Impression B.I.G. NORM Mono+	I5U	Impression B.I.G. EXACT Mono+ 1.1							
MAE	Multigressiv B.I.G. NORM Mono	M5E	Multigressiv B.I.G. EXACT Mono							
MAP	Multigressiv B.I.G. NORM Mono+ 0.5	M5P	Multigressiv B.I.G. EXACT Mono+ 0.5							
MAB	Multigressiv B.I.G. NORM Mono+ 0.8	M5B	Multigressiv B.I.G. EXACT Mono+ 0.8							
MAU	Multigressiv B.I.G. NORM Mono+	M5U	Multigressiv B.I.G. EXACT Mono+ 1.1							
CAE	Cosmolit B.I.G. NORM Mono	C5E	Cosmolit B.I.G. EXACT Mono							
CAP	Cosmolit B.I.G. NORM Mono+ 0.5	C5P	Cosmolit B.I.G. EXACT Mono+ 0.5							
CAB	Cosmolit B.I.G. NORM Mono+ 0.8	C5B	Cosmolit B.I.G. EXACT Mono+ 0.8							
CAU	Cosmolit B.I.G. NORM Mono+	C5U	Cosmolit B.I.G. EXACT Mono+							
IAK	Impression B.I.G. NORM Sport	I5K	Impression B.I.G. EXACT Sport				temporal in two digits, e.g.. 20 for Add 2,00 D	18 to 22	28 to 32	20
IAO	Impression B.I.G. NORM Mono Sport	I5O	Impression B.I.G. EXACT Mono Sport							
LBL	Progressiv Life L	LBS	Progressiv Life S					S = 14 M = 16 L = 18	S = 24 M = 26 L = 28	S = 16 M = 18 L = 20
LBM	Progressiv Life M									
LQB	Progressiv Ergo Book	LQC	Progressiv Ergo Room					Book = 14 PC / Room = 18	Book = 24 PC / Room = 28	Book = 16 PC / Room = 20
LQA	Progressiv Ergo PC									
LAK	Progressiv Sport							18	28	20
IXL	Impression L	IXS	Impression S				temporal in two digits, e.g.. 20 for Add 2,00 D	V = 14 to 20 L=18 M=16 S=14	V=24 to 30 S=24 M=26 L=28	V = 16 to 22 S = 16 M = 18 L = 20
IXM	Impression M									
MXL	Multigressiv L	MXS	Multigressiv S					L=18 / M=16 / S=14	S=24 M=26 L=28	S = 16 M = 18 L = 20
MXM	Multigressiv M									
LXL	Progressiv Life Mineral							L=18	L=28	L = 20
JMP	MyCon 1.5	JMH	MyCon 1.67					BZ - nasal: 12 BZ - temporal: 25	17	12
JMK	MyCon 1.6	JMG	MyCon 1.74							
J2P	MyCon 2 1.5	J2H	MyCon 2 1.67							
J2K	MyCon 2 1.6	J2G	MyCon 2 1.74							

GENERAL NOTES

The lenses listed in this pricelist are intended for the use of prescription eyewear and meet the requirements of Directive 93/42/EEC and the EN ISO 14889 standard.

When using two non-prescription lenses for the production of sunglasses, please refer to the requirements of Directive 89/686/EEC and standard EN ISO 12312-1.
All our glasses meet the relevant requirements.

Mono+ lenses have a strength gradient, so they can only be measured at one specific point according to DIN EN ISO 21987:2017.

Please refer to this pricelist for the information for end users, e.g., filter category and, if applicable, the self-tinting (photochromatic) or polarised characteristics of the lenses.

Please refer to the filter category table for a description of the filter categories, their light transmission values and recommended use.

Please observe the following usage restrictions:
- not suitable for directly viewing the sun
- not suitable for protection against artificial light sources, e.g., sunbeds
- not suitable for use as eye protection against the dangers of mechanical effects
- sunglasses in filter categories 1–3 and self-tinting sunglass lenses with light transmission values of less than 75% are not suitable for driving at dusk or at night. Sunglasses in filter category 4 (very dark lenses) are not suitable for use in traffic.

Additional notes on the use of prescription self-tinting sunglasses

The light transmission values of self-tinting sunglass lenses depend on the ambient temperature, UV radiation and other factors. Our self-tinting sunglass lenses have been tested under standard conditions in a laboratory. They are suitable for driving and road use in everyday environmental conditions (above 10 °C and in normal sunlight). Reduced light transmission values according to filter category 4 may occur at low temperatures or exceptionally strong sunlight, whereby the respective category cannot be guaranteed in all cases. Likewise, increased light transmission values are possible at high temperatures or reduced sunlight.

Please inform the end user in writing about the above restrictions.

Filter category Light transmission	**Description**	**Use**
0 81-100%	Lightly tinted sunglasses	Extremely limited sun glare reduction
1 44-80%		Limited protection from sun glare
2 19-43%	General purpose sunglasses	Good protection from un glare
3 9-18%		High protection from sun glare
4 3-8%	Extremely dark sunglasses for special applications, extremely high sun glare reduction	Extremely high protection against extreme sun glare, e.g., at sea, on snow fields, on high mountains or in the desert. Not suitable for driving and road use.

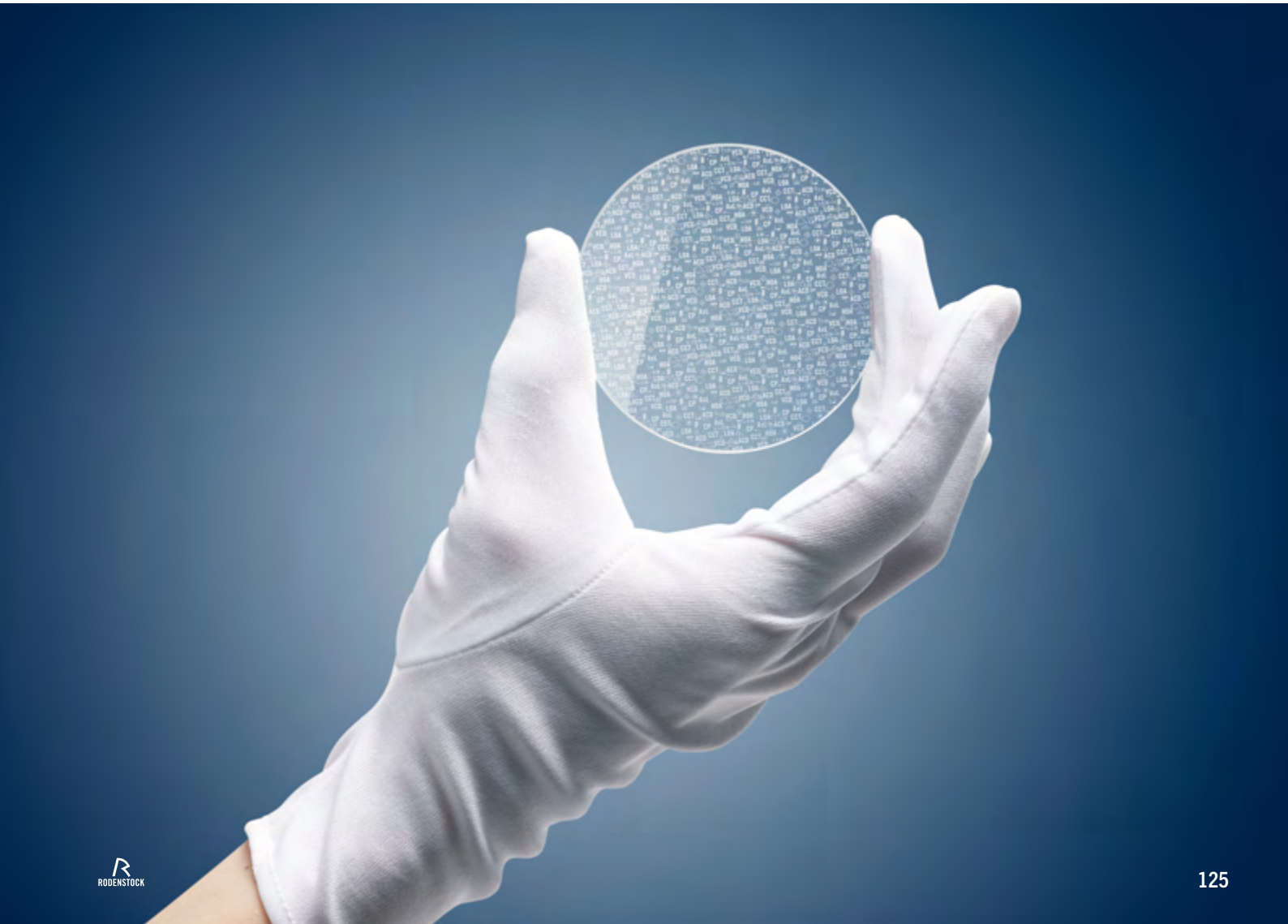
SERVICE AND WARRANTY CONDITIONS FOR YOUR RODENSTOCK LENSES

Quality Guarantee and Warranty Information & warranty schemes for your Rodenstock glasses.

24-month quality guarantee
Rodenstock has been delivering first-class quality for more than 140 years. We guarantee the performance and durability of our lenses. If the lenses exhibit a quality defect within 24 months of purchase, we will replace them with identical lenses. The Rodenstock warranty and service card for the first pair of lenses remains valid. The quality guarantee offers your patients the security they expect when purchasing a pair of spectacle lenses.

24-month quality guarantee for premium coatings
Solitaire® LayR, Solitaire® LayR Balance, Solitaire® LayR Road, Solitaire® LayR Sun, Solitaire® Protect Plus, Solitaire® Protect Balance, Solitaire® Protect Road, Solitaire® Protect Sun and any X-tra Clean versions available.

T&Cs apply. Please refer to www.rodenstock.net



BECAUSE EVERY EYE IS DIFFERENT

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