

EN



Eye Protection in Medical Radiation Application

Catalogue and Portfolio, valid October 01, 2020

MAVIG



As an independent researcher and manufacturer, MAVIG has been successful across the globe since 1921. MAVIG products stand for quality and reliability.

We set international standards with our intelligent solutions for the medical industry. Our products are manufactured with the latest technology and processes at the company's location in Munich, Germany.

The recognition from our customers is both an affirmation and motivation to continue to invest our energy and competence in further research and the development for innovative solutions in the medical field.



QUALITY SIGNED AND SEALED. FOR 100 YEARS IN THE FIELD OF WORKPLACE SAFETY

MAVIG is compliant in accordance with the applicable European Standards:

- > ISO 13485 (Quality management system for medical devices)
- > (EU) 2017/745 (MDR - Medical Device Regulation)
- > (EU) 2016/425 (PPE regulation)

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The statutory annual dose limit value for eye lenses is 20 mSv (millisievert) for people older than 18 years who are occupationally exposed to radiation.

By default and taking into account the level of science and technology, radiation exposure is even below this limit to be kept as low as reasonably achievable.



„According to today’s knowledge, early stages of radiation-induced cataracts can occur already from a radiation exposure level of 0.5 Gy.“^{1) 2)}

„Regardless of whether the dose occurs acutely or over an extended period, the effect is cumulative, single doses accumulate.“¹⁾

§ With implementation of the European EURATOM Directive 2013/59 in national legislation from February 6, 2018 and a new radiation protection law (introduced October 1, 2017) the annual value for the eye lens dose is limited for the first time at a mandatory threshold of max. 20 mSv per year (for people older than 18 years).

<20 mSv per year

Prescription Values - Download/Template

On our website a template for “prescription values for X-ray protective glasses with individual corrective lenses” is available.

www.mavig.com/x-ray-protection/eye-protection
(at the end of the website - bottom area „Downloads“)

1) SSK: *Radiation-induced cataracts, recommendation of the Radiation Protection Commission with scientific justification* [conference]. - Bonn, May 14th, 2009. - 234th edition Session of the Radiation Protection Commission on May 14th, 2009. - P. 9, 18, 21

2) Radiological Protection Ordinance: *Ordinance on protection against damage caused by ionising radiation* [Ordinance]. - October 2011 - P. 31, 32, 34

BR330 Dosemetry and X-Ray Protection

The Future of Eye Lens Radiation Protection



BR330 radiation protection glasses without dosemeter connection
(Ocean Blue style shown)



BR330 radiation protection glasses with right side dosemeter connection
(Obsidian Grey/Black style shown)

The BR330 glasses are designed to best protect the user's eyes from scattered radiation from all angles of incidence.

This challenge was surmounted constructively by means of extensive radiation protection glasses and gap-free adjoining lateral radiation protection zones up to the temples including a tight seal against the cheekbones.

SPECIAL QUALITY FEATURES OPTIMISE USE IN THE MEDICAL FIELD

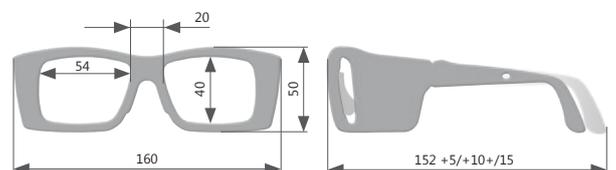
- Frame made of high-quality plastic materials with high shape stability
- Complete elimination of the use of plasticisers during production
- The materials used ensure the glasses are as hypoallergenic as possible
- Design and material help prevent the risk of injury
- Easy cleaning and a high degree of chemical resistance (resistance to disinfectants)
- Standard anti-reflective coating of the lenses
- Optical corrections are available as single-vision, bifocal, and progressive lenses

BR330 X-ray protective glasses with gap-free, extended lateral radiation protection zones, available with or without integrated, patented dosemeter connection

Colour styles	Ocean Blue ■ Obsidian Grey/Black ■ / ■
Size	Universal/adjustable
Temple length	Adjustable
Inclination	Adjustable, ± 22.5°
Lead equivalent	Front protection (50 - 150 kV) Pb 0.50 mm Side protection (50 - 150 kV) Pb 0.50 mm
Weight	Approx. 120 g
Dosemeter mounting*	Without, left, right or both sides
Included	Anti-reflective coating of the lenses Glasses strap, case, cleaning cloth
Conformity	IEC 61331-1:2014 / IEC 61331-3:2014

* Dosemeters and the dosemetry service itself are additional and not included in the initial scope of delivery.

Please note the informations given on page 14 for the purchasing of compatible dosemeters and the dosemetry service.





In the case of monitoring the eye lens dose, a constant position of the dosemeter(s) is most ideal. Together with our project partners AWST Evaluation Centre of the Helmholtz Centre (Note: starting April 1st 2020 operations transfer to Mirion Technologies (AWST) GmbH) and Dosilab, MAVIG has developed a new type of radiation protection glasses that integrates lens dosimetry into the approach in a beneficial way.

The BR330 glasses allow the use of dosemeters due to the patented dosemeter connection on the left, right or on both sides. The dosemeter connection has been designed in such a way that there are no user restrictions and yet the best possible dosimetry is guaranteed.

The glasses are also available without a dosemeter connection in the form of pure radiation protection glasses.

Maximum comfort when wearing and optimum radiation protection, tailored to the user's individual facial geometry, call for a wide range of adjustment options.

The BR330 glasses are therefore not only ergonomically designed but also have additional adjustment mechanisms. The inclination at the front, the length of the temples and the soft nose pad can all be adjusted to your individual needs.

Designed with a flat base curve, the front of the BR330 glasses allow a very wide range of vision correction for single-vision, bifocal, and progressive lenses.

MAVIG glasses are made of the highest quality mineral radiation protection glass. Excellent light transmission and perfect transparency are guaranteed. Precision processing and fitting of the lenses into the frames can be taken for granted with our approach to quality.

Figure above shows:

- 1) Attachment point glasses strap
- 2) Radiation protection glass with anti reflective coating
- 3) Ergonomic temples
- 4) Length adjustment
- 5) Swivel joint (+/- 22.5°)
- 6) Dosemeter connection
- 7) Soft nose pads, adjustable



X-Ray Protective Glasses



Integration of Dosemeters



Corrective Lenses



Individually Adjustable

Further information such as article numbers and order details can be found starting page 13.

BR126 Radiation Protection for the Lens of the Eye Optimized



BR126 X-ray protective glasses
(image showing the Sandstone/Orange design)



BR126 X-ray protective glasses
(image showing the Cocoa/Light Blue design)

The BR126 is designed to best protect the user's eyes from scattered radiation from all angles of incidence.

This requirement has been effectively addressed in the design of the glasses by means of large-area X-ray protective glazing and two side radiation protection zones that are closely connected to the front lenses.

SPECIAL QUALITY FEATURES OPTIMISE USE IN THE MEDICAL FIELD

- Frame made of high-quality plastic materials with high shape stability
- Complete elimination of the use of plasticisers during production
- The materials used ensure the glasses are as hypoallergenic as possible
- Design and material help prevent the risk of injury
- Easy cleaning and a high degree of chemical resistance (resistance to disinfectants)
- Standard anti-reflective coating of the lenses
- Optical corrections are available as single-vision, bifocal, and progressive lenses

BR126 X-ray protective glasses with side radiation protection zones adjacent to the front lenses

Colour styles	Sandstone/Orange  /  Cocoa/Light Blue  / 
Sizes	"small-medium" and "large"
Lead equivalent	Front protection (50 - 150 kV) Pb 0.50 mm <i>or</i> Front protection (50 - 150 kV) Pb 0.75 mm Side protection (50 - 150 kV) Pb 0.50 mm
Weight	Approx. 80 g (Pb 0.50 mm) Approx. 85 g (Pb 0.75 mm)
Included	Anti-reflective coating of the lenses Glasses strap, case, cleaning cloth
Conformity	IEC 61331-1:2014 / IEC 61331-3:2014



Width of glasses
140 mm (S/M)
145 mm (L)



Height of glasses / width of glasses
36 mm / 55 mm (S/M)
36 mm / 58 mm (L)



Bridge width
15 mm (S/M)
16 mm (L)



Temple length
130 mm (S/M)
130 mm (L)



The first generation BR126 protection glasses were already equipped with adequate side protection. After the facelift, second-generation BR126 glasses have optimized side radiation protection.

Wearing radiation protection glasses is essential for many radiological workplaces. The wearing times are often extended for difficult procedures and thus the factors "fit" and "comfort" become relevant for radiation protection. Because only protective glasses that are used consistently protect effectively.

To ensure that the fit is optimally consistent with one's respective facial geometry, we offer two sizes in this model range. The important performance parameter of a tight seal of the glasses against the cheekbones is perfectly implemented with the curve of the frame.

The soft curves on all the components of the frame provide good, wearable comfort. We have made sure there is a wide contact surface at the nose bridge, which distributes the weight of the protection glasses over a widespread area.

The mineral lead lenses used by us in combination with the special fit of the BR126 allow for the correction of eyesight in single-vision as well as for bifocal and progressive lenses.

MAVIG glasses are made of the highest quality mineral radiation protection glass. Excellent light transmission and perfect transparency are guaranteed.

Figure above shows:

- 1) Radiation protection glass with anti reflective coating
- 2) Lateral/Side protection
- 3) Ergonomic temples
- 4) Side view



X-Ray Protective Glasses



Corrective Lenses



Fit and Wearing Comfort

Further information such as article numbers and order details can be found starting page 13.

The Traditional Standard Series

BR115



BR115 X-ray protective glasses
(pictures shows the colour Black)

BR310



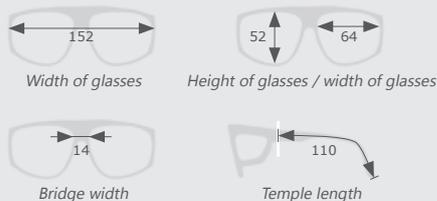
BR310 X-ray protective glasses
(pictures shows the colour design Tortoise)

BR115

X-ray protective glasses with a plastic frame.

Available colour	Black (■)
Size	Universal
Lead equivalent	Front protection (50 - 150 kV) Pb 0.75 mm Side protection (50 - 150 kV) Pb 0.75 mm
Weight	Approx. 110 g
Included	Soft glasses strap, case
Conformity	IEC 61331-1:2014 / IEC 61331-3:2014

Unfortunately, corrective lenses are not available for this model.

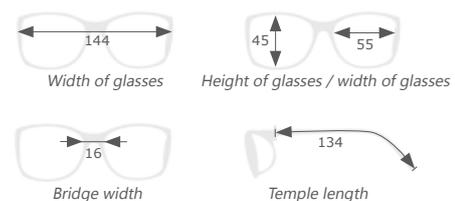


BR310

X-ray protective glasses with a plastic frame in tortoise colour design – attractive shades of brown, and individual adjustable silicone nose pads.

Available colour design	Tortoise (■)
Size	Universal
Lead equivalent	Front protection (50 - 150 kV) Pb 0.75 mm Side protection (50 - 150 kV) Pb 0.75 mm
Weight	Approx. 90 g
Included	Soft glasses strap, case
Conformity	IEC 61331-1:2014 / IEC 61331-3:2014

Corrective lenses Single, bifocal, and progressive



➤ Further information such as article numbers and order details can be found starting page 13.

BR321

BR322



BR321 X-ray protective glasses
(pictures shows the colour Silver)



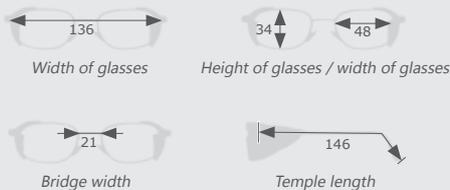
BR322 X-ray protective glasses
(pictures shows the colour Gold)

BR321

X-ray protective glasses with a metal frame galvanised in a silver colour, and individual adjustable silicone nose pads. The side protection by special plastic shells in Pb 0.50 mm (insides are covered with protective material up to the level of the earpieces).

Available colour	Silver ()
Size	Universal
Lead equivalent	Front protection (50 - 150 kV) Pb 0.75 mm Side protection (50 - 150 kV) Pb 0.50 mm
Weight	Approx. 65 g
Included	Soft glasses strap, case
Conformity	IEC 61331-1:2014 / IEC 61331-3:2014

Corrective lenses *Single, bifocal, and progressive*

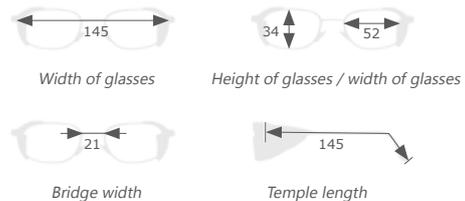


BR322

X-ray protective glasses with a metal frame galvanised in a gold colour, and individual adjustable silicone nose pads. The side protection by special plastic shells in Pb 0.50 mm (insides are covered with protective material up to the level of the earpieces).

Available colour	Gold ()
Size	Universal
Lead equivalent	Front protection (50 - 150 kV) Pb 0.75 mm Side protection (50 - 150 kV) Pb 0.50 mm
Weight	Approx. 70 g
Included	Soft glasses strap, case
Conformity	IEC 61331-1:2014 / IEC 61331-3:2014

Corrective lenses *Single, bifocal, and progressive*



➤ Further information such as article numbers and order details can be found starting page 13.

The Traditional Standard Series

BR331



BR331

X-ray protective glasses with a plastic frame in transparent design contrasted with blue. The special plastic shells, which are lined on the inside with coated X-ray protective material up to the level of the earpieces, offer lateral protection of Pb 0.50 mm.

Available colour	Blue-Transparent (■)
Size	Universal
Lead equivalent	Front protection (50 - 150 kV) Pb 0.75 mm Side protection (50 - 150 kV) Pb 0.50 mm
Weight	Approx. 85 g
Included	Soft glasses strap, case
Conformity	IEC 61331-1:2014 / IEC 61331-3:2014
Corrective lenses	Single, bifocal, and progressive



Width of glasses



Height of glasses / width of glasses



Bridge width



Temple length

➤ Further information such as article numbers and order details can be found starting page 13.

BR118

BR119



BR118 X-ray protective glasses
(pictures shows the colour Taupe)



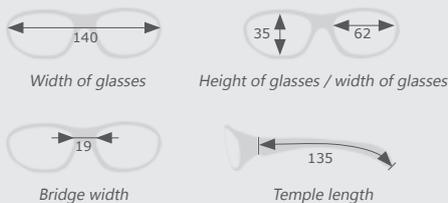
BR119 X-ray protective glasses
(pictures shows the colour Silver)

BR118

X-ray protective glasses with a plastic frame and additional padded temple ends.

Available colours	Taupe (■), Blue (■), Black (■)
Size	Universal
Lead equivalent	Front protection (50 - 150 kV) Pb 0.75 mm
Weight	Approx. 60 g
Included	Soft glasses strap, case
Conformity	IEC 61331-1:2014 / IEC 61331-3:2014

Corrective lenses Single, bifocal, and progressive

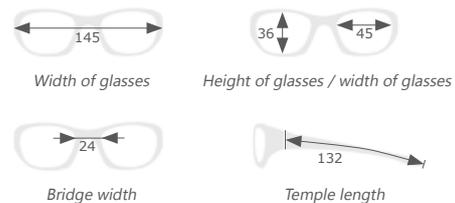


BR119

X-ray protective glasses with a plastic frame and additional padded temple ends.

Available colours	Silver(■), Black (■)
Size	Universal
Lead equivalent	Front protection (50 - 150 kV) Pb 0.75 mm
Weight	Approx. 65 g
Included	Soft glasses strap, case
Conformity	IEC 61331-1:2014 / IEC 61331-3:2014

Corrective lenses Single, bifocal, and progressive



➤ Further informations such as article numbers and order details can be found starting page 13.

X-RAY PROTECTIVE VISORS

BRV500



BRV501



The visors were specially developed for the protection of medical personnel involved in radiology applications. They optimally protect the lens of the eye from scattered X-ray radiation.

Prescription glasses can be worn under both visor models. The visors allow heavy reduction of the radiation exposure to the eyes and a large part of the facial area.

The quality features of our visors make them ideal for use in the medical environment:

- Lead equivalent (weight): BRV500 Pb 0.10 mm (approx. 525 g)
BRV501 Pb 0.10 mm (approx. 505 g)
- Individually adjustable size and fit
- Versatile possibilities for adjustment to the facial geometry
- Easy to adjust by pressing and turning the pivot mechanism for a tight fit
- Comfortable, changeable, and washable padding
- Curved lead acrylic with Pb 0.10 mm
- Carefully selected materials reduce the risk of allergy to a minimum

BRV500 X-Ray Protective Visor with full face coverage to the chin

BRV501 X-Ray Protective Visor with facial coverage to the cheek bones (with a nose cut-out)

Designs	Full coverage (BRV500) To the cheek bones (BRV501)
Size	Universal/adjustable
Lead equivalent	Front protection Pb 0.10 mm Side protection Pb 0.10 mm
Weight	Approx. 525 g (BRV500) Approx. 505 g (BRV501)
Conformity	IEC 61331-1:2014

Unfortunately, visors are not available with prescription.

X-Ray Tube Voltage	Scattered Radiation Attenuation
50 kV	96.9 %
60 kV	94.4 %
80 kV	86.3 %
100 kV	80.0 %
120 kV	75.0 %

➤ Further information such as article numbers and order details can be found starting page 13.



Please let us know if you intend to send multiple orders by fax or post.

This will prevent double deliveries.

You will receive an order confirmation from us for each order.

Please check these again carefully to avoid wrong deliveries or missing quantities.

ORDERS AND INQUIRIES

Please send an e-mail to:
Alternatively to:
Or send us a fax:

vgd@mavig.com (for orders and inquiries in Germany)
info@mavig.com
+49 (0) 89 / 420 96 - 200

Our team will be happy to advise you personally:

Monday - Thursday 8.00 a.m. to 5.00 p.m. (CET)
Friday 8.00 a.m. to 1.00 p.m. (CET)

Using the following phone number:

+49 (0) 89 / 420 96 - 0

Please send orders by post to our address:

MAVIG GmbH
Stahlgruberring 5
81829 Munich
Germany

DELIVERY SERVICE

For shipments in Germany a flat rate of EUR 9.00 for parcels and EUR 32.00 for packages by courier services will be charged. Please understand that it is not logistically possible for us to collect and consolidate individual orders.

The dispatch of goods is uninsured. On request, transport insurance can be issued for a cost. If an order is urgent, please let us know by telephone to ensure the fastest possible processing. Your order will then be shipped by express service. However, additional shipping costs will be charged.

RETURN

A credit note or an exchange is only permitted with return of the goods in a perfect, unused condition, as well as in the original packaging within 14 days following delivery. Goods manufactured to order and/or goods that we have declared are excluded from the right to exchange cannot be credited or exchanged. The return of goods will only be accepted in exceptional cases after prior approval by us and with a completed return form and proof of decontamination. Please contact us by telephone or in writing before returning any goods. Please also take into account the separate notes under "Return of goods". If goods, for which we are not responsible for are returned, a processing fee of 20% of the net value of the goods, with a minimum of EUR 10.00 per item, will be charged to cover the internal expenses incurred.

RETURN OF GOODS

We kindly ask you to notify MAVIG in advance by telephone or in writing before returning any goods. You will then receive the documents for your service request, containing the barcode, return package sticker and a form for the decontamination verification. If goods are sent without proof of decontamination, MAVIG is legally obliged to refuse acceptance of the consignment or to return the goods to you at your expense.

Our general terms and conditions apply. We reserve the right to make technical changes to our products or the content of the catalogue.

ARTICLE NUMBERS / ORDER DETAILS

Model	Dosimetry, Lead Equivalent, Colour	Prescription*	Article Number
BR330	Without dosimeter connection, Pb 0.50 mm, Ocean Blue	Plano	BR330LA5B2CAPL
		Single	BR330LA5B2CAPS
		Bifocal	BR330LA5B2CAPB
		Progressive	BR330LA5B2CAPP
BR330	1x dosimeter connection* - left, Pb 0.50 mm, Ocean Blue	Plano	BR330LA5B1LAPL
		Single	BR330LA5B1LAPS
		Bifocal	BR330LA5B1LAPB
		Progressive	BR330LA5B1LAPP
BR330	1x dosimeter connection* - right, Pb 0.50 mm, Ocean Blue	Plano	BR330LA5B1RAPL
		Single	BR330LA5B1RAPS
		Bifocal	BR330LA5B1RAPB
		Progressive	BR330LA5B1RAPP
BR330	2x dosimeter connection*, Pb 0.50 mm, Ocean Blue	Plano	BR330LA5B2OAPL
		Single	BR330LA5B2OAPS
		Bifocal	BR330LA5B2OAPB
		Progressive	BR330LA5B2OAPP
BR330	Without dosimeter connection, Pb 0.50 mm, Grey/Black	Plano	BR330LA5G2CAPL
		Single	BR330LA5G2CAPS
		Bifocal	BR330LA5G2CAPB
		Progressive	BR330LA5G2CAPP
BR330	1x dosimeter connection* - left, Pb 0.50 mm, Grey/Black	Plano	BR330LA5G1LAPL
		Single	BR330LA5G1LAPS
		Bifocal	BR330LA5G1LAPB
		Progressive	BR330LA5G1LAPP
BR330	1x dosimeter connection* - right, Pb 0.50 mm, Grey/Black	Plano	BR330LA5G1RAPL
		Single	BR330LA5G1RAPS
		Bifocal	BR330LA5G1RAPB
		Progressive	BR330LA5G1RAPP
BR330	2x dosimeter connection*, Pb 0.50 mm, Grey/Black	Plano	BR330LA5G2OAPL
		Single	BR330LA5G2OAPS
		Bifocal	BR330LA5G2OAPB
		Progressive	BR330LA5G2OAPP

* When ordering BR330 glasses, please note the following sources of supply depending on function and country assignment:

Without dosimeter connection

- ▶ MAVIG supplies the radiation protection glasses without dosimeter connection where needed in Germany and Europe through the industry and trade.

With dosimeter connection

- ▶ In **Germany**: You can obtain the radiation protection glasses with dosimeter connection by the dosimetry services (AWST, formerly Evaluation Centre of the Helmholtz Centre) of Mirion Technologies (AWST) GmbH (www.auswertungsstelle.de) and through the industry and trade. Compatible dosimeters and the dosimetry service are provided by the Dosimetrie (AWST) of the Mirion Technologies GmbH.
- ▶ In **France, Belgium and Switzerland**: Radiation protection glasses with dosimetry connection, compatible dosimeters and the dosimetry service are available from Dosilab AG (www.dosilab.ch).
- ▶ If the glasses are needed in **other countries**, please contact MAVIG GmbH or Dosilab AG directly. (Dosilab AG – Phone: +41 (0) 31 744 92 00, Fax: +41 31 744 92 90, e-mail: info@dosilab.ch)

* For orders including corrective lenses, please indicate the following values from a current prescription or an optician's prescription for working place glasses:

- Spherical / Diopter (Sph / Dpt)
- If necessary, cylindrical values (Cyl) and axis values (A)
- Pupillary distance, separately for your left and right eye (PD)
- Addition values (ADD) (only Bifocal or Progressive lenses)

The prescription (working place glasses) should not be older than 6 months.

Only after receiving all prescription values needed, can we confirm if the desired corrective lenses are possible.

Model	Size, Front Lead Equivalent, Colour	Prescription*	Article Number
BR126	small-medium, Pb 0.50 mm, Sandstone/Orange	Plano	BR126SM5S-arc
		Single	BR126SM5S-arc-presc-S
		Bifocal	BR126SM5S-arc-presc-B
		Progressive	BR126SM5S-arc-presc-P
BR126	small-medium, Pb 0.75 mm, Sandstone/Orange	Plano	BR126SM7S-arc
		Single	BR126SM7S-arc-presc-S
		Bifocal	BR126SM7S-arc-presc-B
		Progressive	BR126SM7S-arc-presc-P
BR126	large, Pb 0.50 mm, Sandstone/Orange	Plano	BR126L5S-arc
		Single	BR126L5S-arc-presc-S
		Bifocal	BR126L5S-arc-presc-B
		Progressive	BR126L5S-arc-presc-P
BR126	large, Pb 0.75 mm, Sandstone/Orange	Plano	BR126L7S-arc
		Single	BR126L7S-arc-presc-S
		Bifocal	BR126L7S-arc-presc-B
		Progressive	BR126L7S-arc-presc-P
BR126	small-medium, Pb 0.50 mm, Cocoa/Light Blue	Plano	BR126SM5C-arc
		Single	BR126SM5C-arc-presc-S
		Bifocal	BR126SM5C-arc-presc-B
		Progressive	BR126SM5C-arc-presc-P
BR126	small-medium, Pb 0.75 mm, Cocoa/Light Blue	Plano	BR126SM7C-arc
		Single	BR126SM7C-arc-presc-S
		Bifocal	BR126SM7C-arc-presc-B
		Progressive	BR126SM7C-arc-presc-P
BR126	large, Pb 0.50 mm, Cocoa/Light Blue	Plano	BR126L5C-arc
		Single	BR126L5C-arc-presc-S
		Bifocal	BR126L5C-arc-presc-B
		Progressive	BR126L5C-arc-presc-P
BR126	large, Pb 0.75 mm, Cocoa/Light Blue	Plano	BR126L7C-arc
		Single	BR126L7C-arc-presc-S
		Bifocal	BR126L7C-arc-presc-B
		Progressive	BR126L7C-arc-presc-P

* For orders including corrective lenses, please indicate the following values from a current prescription or an optician's prescription for working place glasses:

- Spherical / Diopter (Sph / Dpt)
- If necessary, cylindrical values (Cyl) and axis values (A)
- Pupillary distance, separately for your left and right eye (PD)
- Addition values (ADD) (only Bifocal or Progressive lenses)

*The prescription (working place glasses) should not be older than 6 months.
Only after receiving all prescription values needed, can we confirm if the desired corrective lenses are possible.*

ARTICLE NUMBERS / ORDER DETAILS

Model	Size, Front Lead Equivalent, Colour	Prescription	Article Number
BR115	universal, Pb 0.75 mm, Black	Plano	BR115-BLACK
Model	Size, Front Lead Equivalent, Colour	Prescription*	Article Number
BR310	universal, Pb 0.75 mm, Tortoise	Plano Single Bifocal Progressive	BR310 BR310-PRESC-S BR310-PRESC-B BR310-PRESC-P
Model	Size, Front Lead Equivalent, Colour	Prescription*	Article Number
BR321	universal, Pb 0.75 mm, Silver	Plano Single Bifocal Progressive	BR321 BR321-PRESC-S BR321-PRESC-B BR321-PRESC-P
Model	Size, Front Lead Equivalent, Colour	Prescription*	Article Number
BR322	universal, Pb 0.75 mm, Gold	Plano Single Bifocal Progressive	BR322 BR322-PRESC-S BR322-PRESC-B BR322-PRESC-P
Model	Size, Front Lead Equivalent, Colour	Prescription*	Article Number
BR331	universal, Pb 0.75 mm, Blue-Transparent	Plano Single Bifocal Progressive	BR331 BR331-PRESC-S BR331-PRESC-B BR331-PRESC-P

* For orders including corrective lenses, please indicate the following values from a current prescription or an optician's prescription for working place glasses:

- Spherical / Diopter (Sph / Dpt)
- If necessary, cylindrical values (Cyl) and axis values (A)
- Pupillary distance, separately for your left and right eye (PD)
- Addition values (ADD) (only Bifocal or Progressive lenses)

The prescription (working place glasses) should not be older than 6 months.

Only after receiving all prescription values needed, can we confirm if the desired corrective lenses are possible.

Model	Size, Lead Equivalent, Colour	Prescription*	Article Number
BR118	universal, Pb 0.75 mm, Taupe	Plano	BR118-TAUPE
		Single	BR118-TAUPE-PRESC-S
		Bifocal	BR118-TAUPE-PRESC-B
		Progressive	BR118-TAUPE-PRESC-P
BR118	universal, Pb 0.75 mm, Blue	Plano	BR118-BLUE
		Single	BR118-BLUE-PRESC-S
		Bifocal	BR118-BLUE-PRESC-B
		Progressive	BR118-BLUE-PRESC-P
BR118	universal, Pb 0.75 mm, Black	Plano	BR118-BLACK
		Single	BR118-BLACK-PRESC-S
		Bifocal	BR118-BLACK-PRESC-B
		Progressive	BR118-BLACK-PRESC-P

Model	Size, Lead Equivalent, Colour	Prescription*	Article Number
BR119	universal, Pb 0.75 mm, Silver	Plano	BR119-SILVER
		Single	BR119-SILVER-PRESC-S
		Bifocal	BR119-SILVER-PRESC-B
		Progressive	BR119-SILVER-PRESC-P
BR119	universal, Pb 0.75 mm, Black	Plano	BR119-BLACK
		Single	BR119-BLACK-PRESC-S
		Bifocal	BR119-BLACK-PRESC-B
		Progressive	BR119-BLACK-PRESC-P

Model	Design, Lead Equivalent	Prescription	Article Number
BRV500	Full coverage to the chin, Pb 0.10 mm	Plano	BRV500
BRV501	Facial coverage to the cheek bones, Pb 0.10 mm	Plano	BRV501

* For orders including corrective lenses, please indicate the following values from a current prescription or an optician's prescription for working place glasses:

- Spherical / Diopter (Sph / Dpt)
- If necessary, cylindrical values (Cyl) and axis values (A)
- Pupillary distance, separately for your left and right eye (PD)
- Addition values (ADD) (only Bifocal or Progressive lenses)

*The prescription (working place glasses) should not be older than 6 months.
Only after receiving all prescription values needed, can we confirm if the desired corrective lenses are possible.*





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