

# INDIVIDUALLY CRAFTED CONTACT LENSES FOR THE UNIQUENESS OF EACH EYE

Product Catalogue



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# MYOPIA MANAGEMENT

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# MYOPIA MANAGEMENT

## MYLO

INDIVIDUALLY CRAFTED

### SILICONE HYDROGEL



**MYLO** is an individually crafted silicone hydrogel contact lens specifically designed for Myopia Management. It is powered by the Brien Holden Vision Institute's patented Extended Depth of Focus (EDOF) technology, which slows myopia progression and supports a comfortable adaptation to the lens, enhancing the overall wearing experience. A monthly disposable contact lens, MYLO features high water content, low coefficient of friction and low elastic modulus, which combine to improve comfort throughout the day. Its wide range of parameters ensure an excellent fit, especially for the youngest contact lens wearers.



EDOF



EDOF TORIC

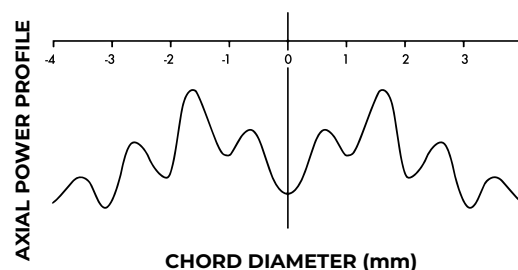
### PARAMETERS

|                         |                        |
|-------------------------|------------------------|
| <b>Base curves (mm)</b> | 7.10 to 9.80 (0.30)    |
| <b>Diameters (mm)</b>   | 13.50 to 15.50 (0.50)  |
| <b>Spheres (D)</b>      | -0.25 to -15.00 (0.25) |
| <b>Cylinders (D)</b>    | -0.75 to -8.00 (0.25)  |
| <b>Axes (°)</b>         | All (1°)               |

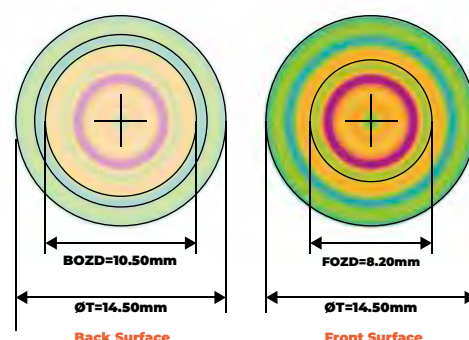
### MATERIAL

|                                    |                      |
|------------------------------------|----------------------|
| <b>Type</b>                        | Filcon 5b (60) [75%] |
| <b>DK (ISO 9913-1-1998)</b>        | 60                   |
| <b>DK/t (-3.00 D)</b>              | 50                   |
| <b>Water Content</b>               | 75%                  |
| <b>Central Thickness (-3.00 D)</b> | 0.12                 |
| <b>Cof</b>                         | 0.02                 |
| <b>Modulus</b>                     | 0.33                 |
| <b>UV filter</b>                   | Class 1              |
| <b>Handling tint</b>               | Blue                 |
| <b>Pack size</b>                   | 3 & 6 Lenses         |
| <b>Manufacturing Process</b>       | Lathed               |

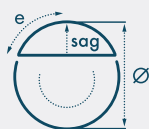
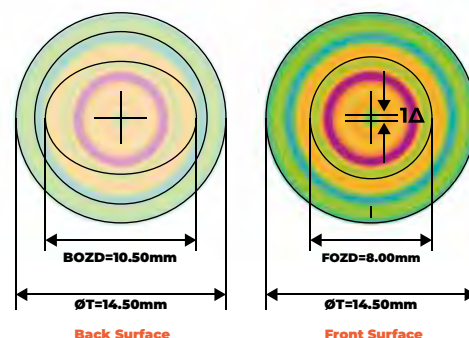
### POWER PROFILE & OPTICAL DESIGNS



#### EDOF



#### EDOF TORIC



#### Need fitting advice?

Check the Fitting Guide section of the catalogue.

# MONTHLY REPLACEMENT

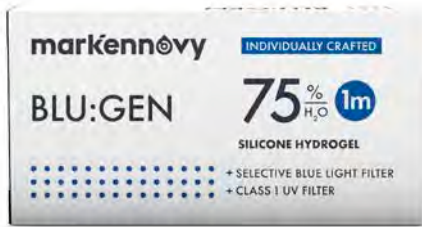
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# MONTHLY REPLACEMENT

## BLU:GEN

INDIVIDUALLY CRAFTED

### SILICONE HYDROGEL



**Blu:gen** is a silicone hydrogel lens, combining a Class 1 UV Filter with selective Blue Light Blocking to protect the eye from upwards of 99% of UVB, 93% of UVA, and 14% of harmful blue-violet light. Its high water content, low dehydration material featuring the lowest modulus of all silicone hydrogels on the market (0.25 Mpa) offers your patients a healthy, comfortable all-day wearing experience.

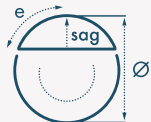


#### PARAMETERS

|                         |                           |
|-------------------------|---------------------------|
| <b>Base curves (mm)</b> | 6.50 to 9.80 (0.30)       |
| <b>Diameters (mm)</b>   | 11.50 to 16.50 (0.50)     |
| <b>Spheres (D)</b>      | ±30.00 (0.25)             |
| <b>Cylinders</b>        | -0.75 to -8.00 (0.25)     |
| <b>Axes (°)</b>         | All (1°)                  |
| <b>Additions</b>        | 0.50 to 4.00 (0.25) CD/CN |

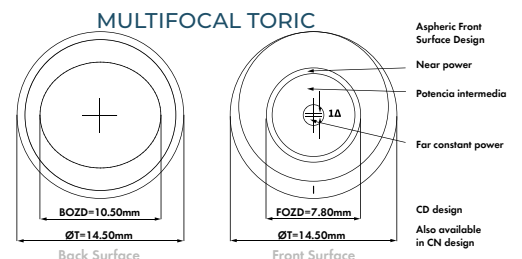
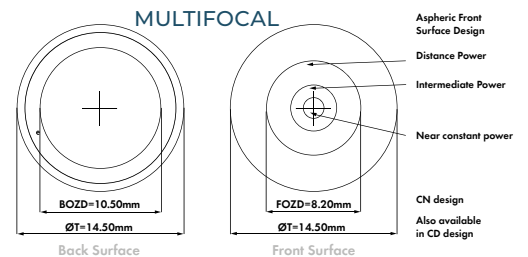
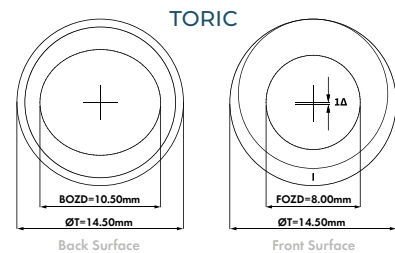
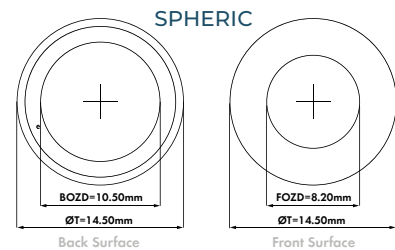
#### MATERIAL

|                                    |                      |
|------------------------------------|----------------------|
| <b>Type</b>                        | Filcon 5B (60) [75%] |
| <b>DK (ISO 9913-1-1998)</b>        | 60                   |
| <b>DK/t (-3.00 D)</b>              | 50                   |
| <b>Water Content</b>               | 75%                  |
| <b>Central Thickness (-3.00 D)</b> | 0.12                 |
| <b>Cof</b>                         | 0.05                 |
| <b>Modulus</b>                     | 0.25                 |
| <b>UV filter</b>                   | Class 1              |
| <b>Blue light blocking</b>         | Yes                  |
| <b>Handling tint</b>               | Blue                 |
| <b>Pack size</b>                   | 3 & 6 Lenses         |
| <b>Manufacturing Process</b>       | Lathed               |



**Need fitting advice?**  
Check the Fitting Guide section of the catalogue.

#### OPTICAL DESIGN



Lens design parameters may change depending on the power



# MONTHLY REPLACEMENT

## BLU:KIDZ

INDIVIDUALLY CRAFTED

### SILICONE HYDROGEL



**Blu:kidz** is a silicone hydrogel lens, combining a Class 1 UV Filter with selective Blue Light Blocking to protect the eye from upwards of 99% of UVB, 93% of UVA, and 14% of harmful blue-violet light. Its child-friendly range of diameters makes it possible to fit even the smallest of eyes, whilst its green handling tint and high water content, low dehydration material provide improved handling and comfort — perfect for first-time contact lens wearers!

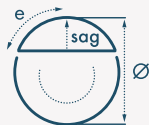


### PARAMETERS

|                         |                           |
|-------------------------|---------------------------|
| <b>Base curves (mm)</b> | 6.50 to 9.80 (0.30)       |
| <b>Diameters (mm)</b>   | 11.50 to 16.50 (0.50)     |
| <b>Spheres (D)</b>      | ±30.00 (0.25)             |
| <b>Cylinders</b>        | -0.75 to -8.00 (0.25)     |
| <b>Axes (°)</b>         | All (1°)                  |
| <b>Additions</b>        | 0.50 to 4.00 (0.25) CD/CN |

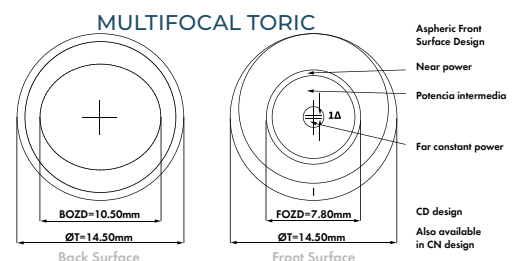
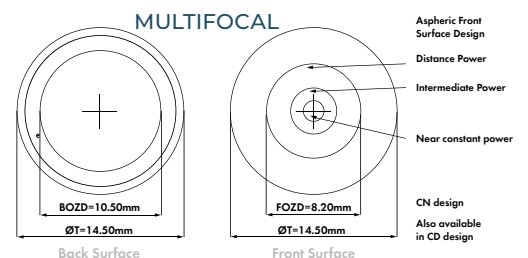
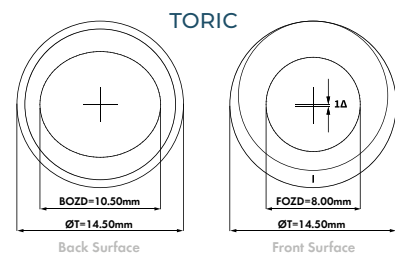
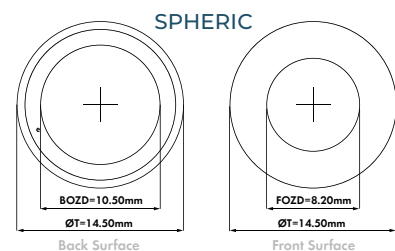
### MATERIAL

|                                    |                      |
|------------------------------------|----------------------|
| <b>Type</b>                        | Filcon 5B (60) [75%] |
| <b>DK (ISO 9913-1-1998)</b>        | 60                   |
| <b>DK/t (-3.00 D)</b>              | 50                   |
| <b>Water Content</b>               | 75%                  |
| <b>Central Thickness (-3.00 D)</b> | 0.12                 |
| <b>Cof</b>                         | 0.05                 |
| <b>Modulus</b>                     | 0.25                 |
| <b>UV filter</b>                   | Class 1              |
| <b>Blue light blocking</b>         | Yes                  |
| <b>Handling tint</b>               | Blue                 |
| <b>Pack size</b>                   | 3 & 6 Lenses         |
| <b>Manufacturing Process</b>       | Lathed               |



**Need fitting advice?**  
Check the Fitting Guide section of the catalogue.

### OPTICAL DESIGN



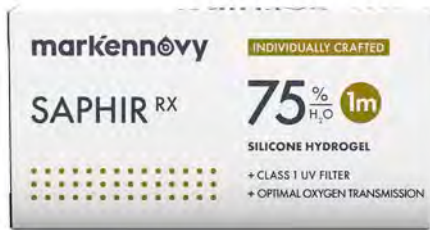
Lens design parameters may change depending on the power

# MONTHLY REPLACEMENT

## SAPHIR RX

INDIVIDUALLY CRAFTED

SILICONE HYDROGEL



**Saphir RX** is a silicone hydrogel lens, featuring a comfortable high water content, low dehydration material with a highly lubricious surface (CoF = 0.02). Its low modulus (0.33 Mpa) adds to the comfort of the lens whilst ensuring vision quality and easy handling throughout the lens' life cycle.

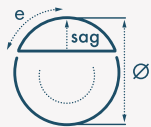


### PARAMETERS

|                         |                           |
|-------------------------|---------------------------|
| <b>Base curves (mm)</b> | 6.80 to 9.80 (0.30)       |
| <b>Diameters (mm)</b>   | 13.00 to 16.00 (0.50)     |
| <b>Spheres (D)</b>      | ±30.00 (0.25)             |
| <b>Cylinders</b>        | -0.75 to -8.00 (0.25)     |
| <b>Axes (°)</b>         | All (1°)                  |
| <b>Additions</b>        | 0.50 to 4.00 (0.50) CD/CN |

### MATERIAL

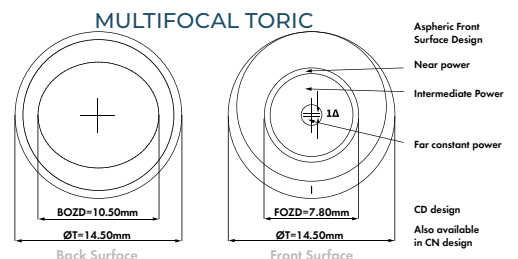
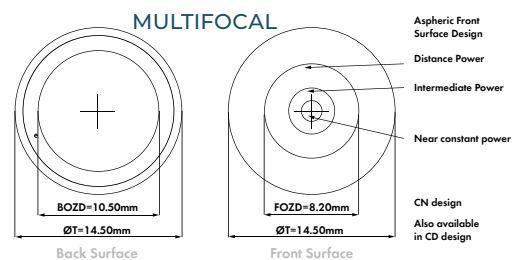
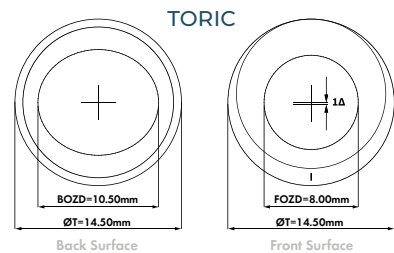
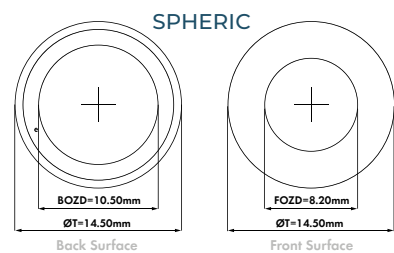
|                                    |                      |
|------------------------------------|----------------------|
| <b>Type</b>                        | Filcon 5B (60) [75%] |
| <b>DK (ISO 9913-1-1998)</b>        | 60                   |
| <b>DK/t (-3.00 D)</b>              | 50                   |
| <b>Water Content</b>               | 75%                  |
| <b>Central Thickness (-3.00 D)</b> | 0.12                 |
| <b>Cof</b>                         | 0.02                 |
| <b>Modulus</b>                     | 0.33                 |
| <b>UV filter</b>                   | Class 1              |
| <b>Handling tint</b>               | Blue                 |
| <b>Pack size</b>                   | 3 & 6 Lenses         |
| <b>Manufacturing Process</b>       | Lathed               |



### Need fitting advice?

Check the Fitting Guide section of the catalogue.

### OPTICAL DESIGN



Lens design parameters may change depending on the power



# MONTHLY REPLACEMENT

## GENTLE 80

INDIVIDUALLY CRAFTED

### ORI:GEN TECHNOLOGY



**Gentle 80** is a bio-inspired hydrogel lens designed to imitate the natural properties of the cornea. Its material combines high water content, low dehydration, and the lowest modulus on the market (0.13 MPa) with oxygen transmissibility that reaches silicone hydrogel levels ( $Dk = 60$ ), achieving award-winning comfort and health.



#### PARAMETERS

|                         |                           |
|-------------------------|---------------------------|
| <b>Base curves (mm)</b> | 7.10 to 9.80 (0.30)       |
| <b>Diameters (mm)</b>   | 13.00 to 16.00 (0.50)     |
| <b>Spheres (D)</b>      | $\pm 30.00$ (0.25)        |
| <b>Cylinders</b>        | -0.75 to -8.00 (0.25)     |
| <b>Axes (°)</b>         | All (1°)                  |
| <b>Additions</b>        | 0.50 to 4.00 (0.50) CD/CN |

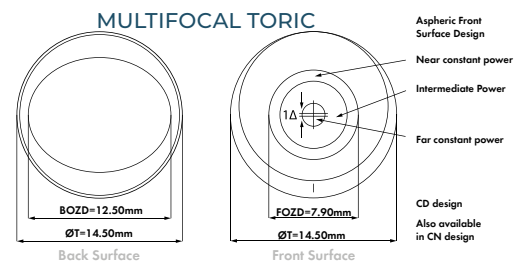
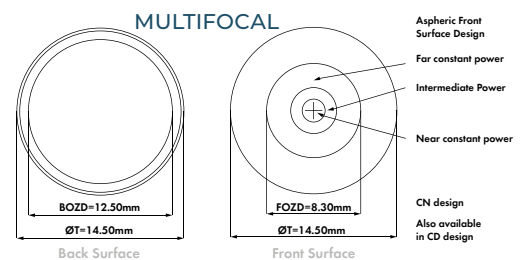
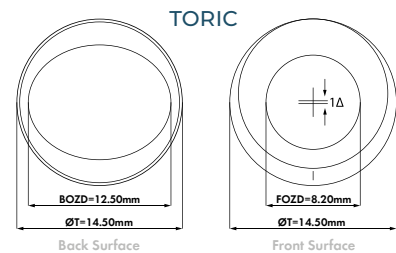
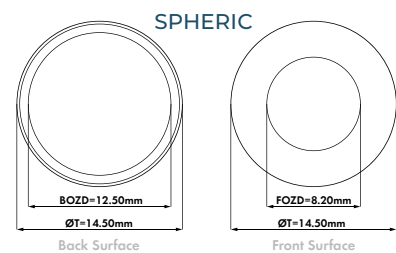
#### MATERIAL

|                                    |                     |
|------------------------------------|---------------------|
| <b>Type</b>                        | Filcon 2 (60) [80%] |
| <b>DK (ISO 9913-1-1998)</b>        | 60                  |
| <b>DK/t (-3.00 D)</b>              | 50                  |
| <b>Water Content</b>               | 80%                 |
| <b>Central Thickness (-3.00 D)</b> | 0.12                |
| <b>Cof</b>                         | 0.06                |
| <b>Modulus</b>                     | 0.16                |
| <b>UV filter</b>                   | Class 1             |
| <b>Handling tint</b>               | Blue                |
| <b>Pack size</b>                   | 3 & 6 Lenses        |
| <b>Manufacturing Process</b>       | Lathed              |

#### Calculate your lens

|                                          |             |             |             |             |             |             |             |
|------------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| LØ (mm)                                  | 13.00       | 13.50       | 14.00       | 14.50       | 15.00       | 15.50       | 16.00       |
| BC (mm)                                  | 7.10 - 8.90 | 7.10 - 9.20 | 7.40 - 9.50 | 7.70 - 9.80 | 8.00 - 9.80 | 8.30 - 9.80 | 8.60 - 9.80 |
| FITTING RULE<br>$Km = \frac{(K1+K2)}{2}$ | 0.0         | 0.0         | 0.1         | 0.3         | 0.5         | 0.7         | 0.9         |

#### OPTICAL DESIGN



Lens design parameters may change depending on the power

# MONTHLY REPLACEMENT

## GENTLE 59

INDIVIDUALLY CRAFTED

ORI:GEN TECHNOLOGY



**Gentle 59** is a bio-inspired hydrogel lens designed to imitate the natural properties of the cornea. It combines high surface lubricity (CoF = 0.05) with low dehydration (< 1%) for excellent comfort, and its modulus (0.36 Mpa) has been carefully calibrated to achieve optimal handling and vision quality throughout the lens' lifecycle, without reducing comfort or health.

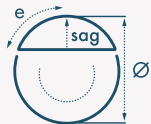


### PARAMETERS

|                         |                           |
|-------------------------|---------------------------|
| <b>Base curves (mm)</b> | 7.10 to 9.80 (0.30)       |
| <b>Diameters (mm)</b>   | 13.00 to 16.00 (0.50)     |
| <b>Spheres (D)</b>      | ±30.00 (0.25)             |
| <b>Cylinders</b>        | -0.75 to -8.00 (0.25)     |
| <b>Axes (°)</b>         | All (1°)                  |
| <b>Additions</b>        | 0.50 to 4.00 (0.50) CD/CN |

### MATERIAL

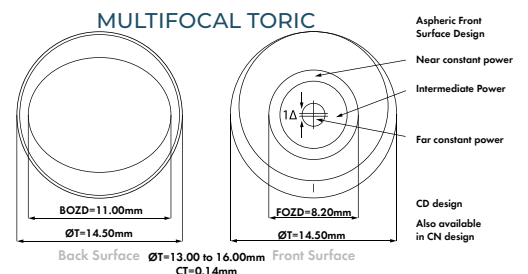
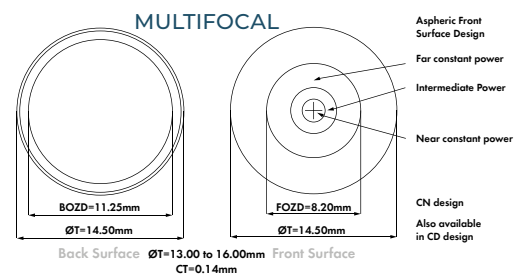
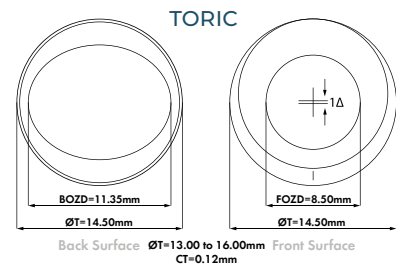
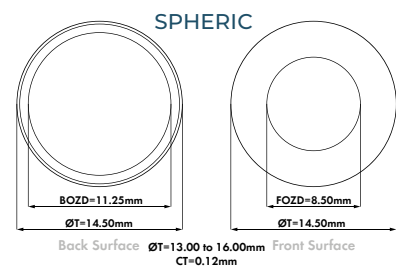
|                                    |                     |
|------------------------------------|---------------------|
| <b>Type</b>                        | Filcon 2 (30) [59%] |
| <b>DK (ISO 9913-1-1998)</b>        | 30                  |
| <b>DK/t (-3.00 D)</b>              | 25                  |
| <b>Water Content</b>               | 59%                 |
| <b>Central Thickness (-3.00 D)</b> | 0.12                |
| <b>Cof</b>                         | 0.05                |
| <b>Modulus</b>                     | 0.36                |
| <b>Handling tint</b>               | Blue                |
| <b>Pack size</b>                   | 3 & 6 Lenses        |
| <b>Manufacturing Process</b>       | Lathed              |



**Need fitting advice?**

Check the Fitting Guide section of the catalogue.

### OPTICAL DESIGN



Lens design parameters may change depending on the power

# MONTHLY REPLACEMENT

## BLU:SSENTIALS

### SILICONE HYDROGEL



**Blu:ssentials** is a silicone hydrogel lens, combining a Class 1 UV Filter with selective Blue Light Blocking to protect the eye from upwards of 99% of UVB, 93% of UVA, and 14% of harmful blue-violet light. Its select range of parameters offers patients with standard prescriptions protection from UV and blue light originating from the sun, ambient LED lighting at home and in public spaces, and mobile devices.



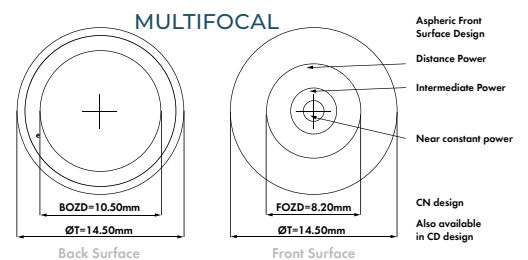
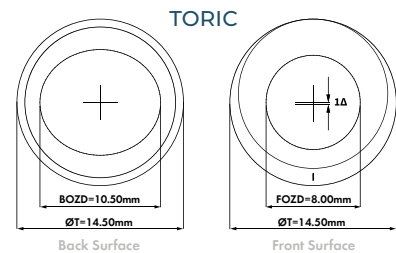
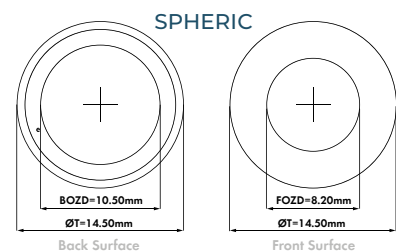
#### PARAMETERS

|                         |                           |
|-------------------------|---------------------------|
| <b>Base curves (mm)</b> | 8.30 to 8.90 (0.30)       |
| <b>Diameters (mm)</b>   | 14.50 & 15.00 (0.50)      |
| <b>Spheres (D)</b>      | -8.00 to +6.00 (0.25)     |
| <b>Cylinders</b>        | -0.75 to -2.75 (0.50)     |
| <b>Axes (°)</b>         | All (10°)                 |
| <b>Additions</b>        | 0.50 to 2.50 (0.50) CD/CN |

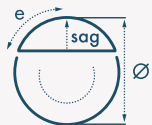
#### MATERIAL

|                                    |                      |
|------------------------------------|----------------------|
| <b>Type</b>                        | Filcon 5B (60) [75%] |
| <b>DK (ISO 9913-1-1998)</b>        | 60                   |
| <b>DK/t (-3.00 D)</b>              | 50                   |
| <b>Water Content</b>               | 75%                  |
| <b>Central Thickness (-3.00 D)</b> | 0.12                 |
| <b>Cof</b>                         | 0.05                 |
| <b>Modulus</b>                     | 0.25                 |
| <b>UV filter</b>                   | Class 1              |
| <b>Blue light blocking</b>         | Yes                  |
| <b>Handling tint</b>               | Blue                 |
| <b>Pack size</b>                   | 3 & 6 Lenses         |
| <b>Manufacturing Process</b>       | Lathed               |

#### OPTICAL DESIGN



Lens design parameters may change depending on the power



#### Need fitting advice?

Check the Fitting Guide section of the catalogue.

# MONTHLY REPLACEMENT

## XTENSA RX

### HYDROGEL



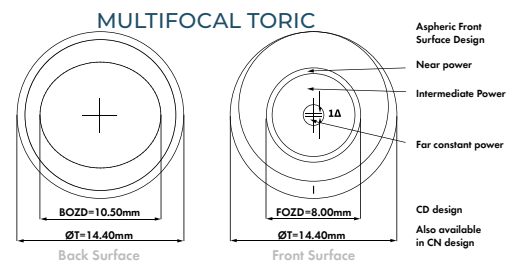
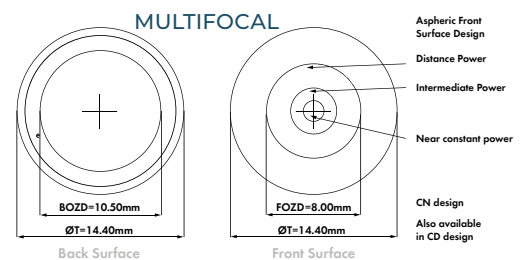
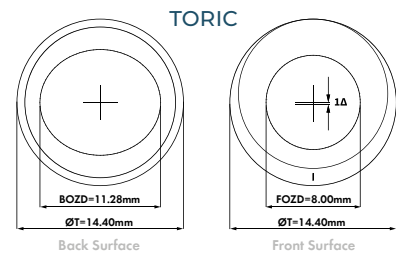
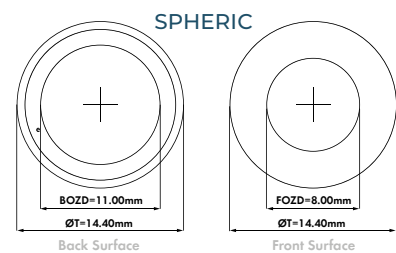
#### PARAMETERS

|                         |                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------|
| <b>Base curves (mm)</b> | SPH, MF 8.50<br>TOR, MFT 8.70                                                                 |
| <b>Diameter (mm)</b>    | 14.40                                                                                         |
| <b>Spheres (D)</b>      | SPH $\pm 30.00$ (0.50 after $\pm 6.00$ )<br>TOR, MF, MFT $\pm 30.00$ (0.50 after +4.00/-6.00) |
| <b>Cylinders</b>        | -0.75 to -7.75 (0.50)                                                                         |
| <b>Axes (°)</b>         | All (5°)                                                                                      |
| <b>Additions</b>        | CD +1.50/+2.50<br>CN +1.25/+2.25                                                              |

#### MATERIAL

|                                    |                     |
|------------------------------------|---------------------|
| <b>Type</b>                        | Filcon 4 (19) [55%] |
| <b>DK (ISO 9913-1-1998)</b>        | 19                  |
| <b>DK/t (-3.00 D)</b>              | 19                  |
| <b>Water Content</b>               | 55%                 |
| <b>Central Thickness (-3.00 D)</b> | 0.10                |
| <b>Handling tint</b>               | Blue                |
| <b>Pack size</b>                   | 6 Lenses            |
| <b>Manufacturing Process</b>       | Lathed              |

#### OPTICAL DESIGN



Lens design parameters may change depending on the power

# 3-MONTHLY REPLACEMENT

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# 3-MONTHLY REPLACEMENT

## SAPHIR

### SILICONE HYDROGEL



**Saphir** provides comfortable, healthy contact lens wear to patients accustomed to a 3-monthly lens replacement.

○ **SPHERIC**

○ **MULTIFOCAL**

○ **TORIC**

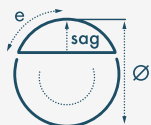
○ **MULTIFOCAL TORIC**

#### PARAMETERS

|                         |                           |
|-------------------------|---------------------------|
| <b>Base curves (mm)</b> | 6.80 to 9.80 (0.30)       |
| <b>Diameters (mm)</b>   | 13.00 to 16.00 (0.50)     |
| <b>Spheres (D)</b>      | ±30.00 (0.25)             |
| <b>Cylinders</b>        | -0.75 to -8.00 (0.25)     |
| <b>Axes (°)</b>         | All (5°)                  |
| <b>Additions</b>        | 0.50 to 4.00 (0.50) CD/CN |

#### MATERIAL

|                                    |                      |
|------------------------------------|----------------------|
| <b>Type</b>                        | Filcon 5B (60) [75%] |
| <b>DK (ISO 9913-1-1998)</b>        | 60                   |
| <b>DK/t (-3.00 D)</b>              | 50                   |
| <b>Water Content</b>               | 75%                  |
| <b>Central Thickness (-3.00 D)</b> | 0.12                 |
| <b>Cof</b>                         | 0.04                 |
| <b>Modulus</b>                     | 0.29                 |
| <b>Handling tint</b>               | Blue                 |
| <b>Pack size</b>                   | Single and 2-pack    |
| <b>Manufacturing Process</b>       | Lathed               |

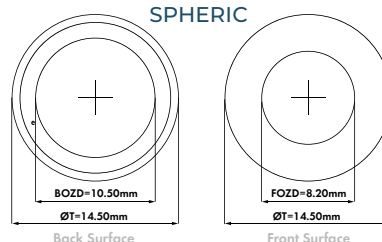


#### Need fitting advice?

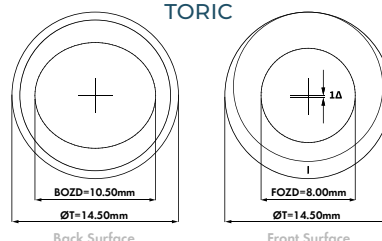
Check the Fitting Guide section of the catalogue.

#### OPTICAL DESIGN

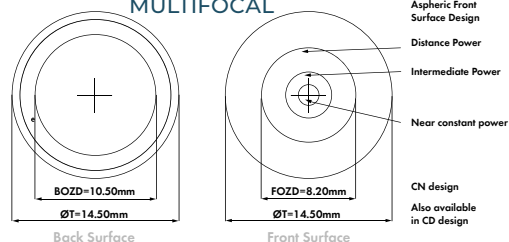
##### SPHERIC



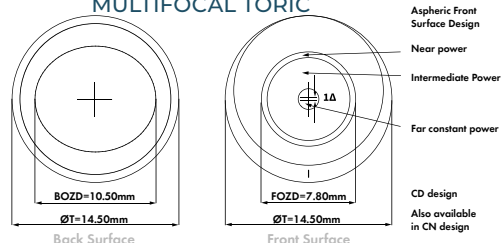
##### TORIC



##### MULTIFOCAL



##### MULTIFOCAL TORIC



Lens design parameters may change depending on the power



# 3-MONTHLY REPLACEMENT

## EQUILIBRIA

### HYDROGEL



**Equilibria** provides a non-silicone option, featuring good water retention and tensile properties, for patients already accustomed to a 3-monthly lens replacement.



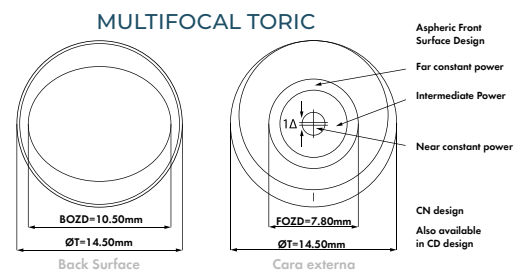
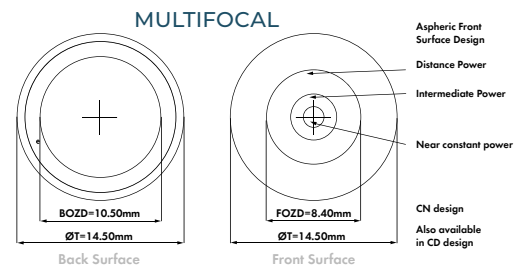
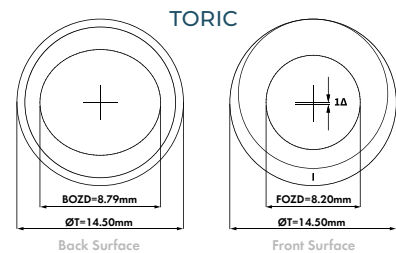
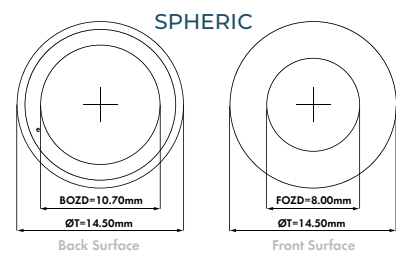
| PARAMETERS              |                                                           |
|-------------------------|-----------------------------------------------------------|
| <b>Base curves (mm)</b> | 7.70 to 9.80 (0.30)                                       |
| <b>Diameters (mm)</b>   | 14.50                                                     |
| <b>Spheres (D)</b>      | SPH, TOR $\pm 30.00$ (0.25)<br>MF, MFT $\pm 23.00$ (0.25) |
| <b>Cylinders</b>        | -0.75 to -8.00 (0.25)                                     |
| <b>Axes (°)</b>         | All (5°)                                                  |
| <b>Additions</b>        | 1.00 to 3.00 (0.50) CD/CN                                 |

| MATERIAL                     |                     |
|------------------------------|---------------------|
| <b>Type</b>                  | Filcon 2 (24) [59%] |
| <b>DK (ISO 9913-1-1998)</b>  | 24                  |
| <b>Water Content</b>         | 59%                 |
| <b>Cof</b>                   | 0.07                |
| <b>Modulus</b>               | 0.32                |
| <b>Handling tint</b>         | Blue                |
| <b>Pack size</b>             | Single and 2-pack   |
| <b>Manufacturing Process</b> | Lathed              |

#### Calculate your lens

|                                       |             |
|---------------------------------------|-------------|
| LØ (mm)                               | 14.50       |
| CB (mm)                               | 7.70 - 9.80 |
| FITTING RULE<br>$K_m = (K_1 + K_2)/2$ | 0.8         |

### OPTICAL DESIGN



Lens design parameters may change depending on the power

# 3-MONTHLY REPLACEMENT

## QUATTRO

### HYDROGEL



**Quattro** provides spherical, toric and multifocal correction in multiple diameters for patients already accustomed to a 3-monthly lens replacement.

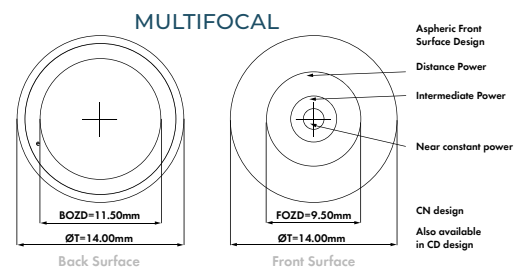
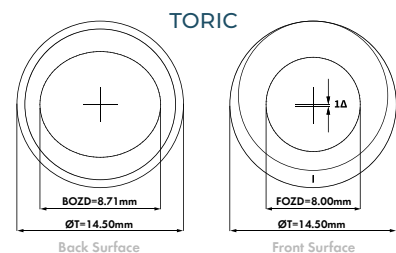
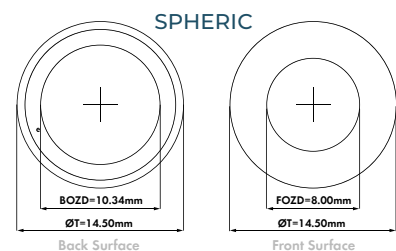


#### PARAMETERS

|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Base curves (mm)</b> | SPH, TOR 7.70 to 9.80 (0.30) (Ø14.50)<br>MF 8.00 to 9.00 (0.20) (Ø14.00)<br>SPH, TOR 7.10 to 9.20 (0.30) (Ø13.00) |
| <b>Diameters (mm)</b>   | SPH, TORIC 13.00 & 14.50<br>MF 14.00                                                                              |
| <b>Spheres (D)</b>      | SPH, TOR: $\pm 30.00$ (0.25)<br>MF: -12.00 to -1.00 / +1.00 to +8.00 (0.25)                                       |
| <b>Cylinders (D)</b>    | -0.75 to -8.00 (0.25)                                                                                             |
| <b>Axes (°)</b>         | All (5°)                                                                                                          |
| <b>Addition</b>         |                                                                                                                   |

|   | SPH +   | SPH -   |
|---|---------|---------|
| A | 1.00 CN | 1.00 CD |
| B | 1.75 CN | 2.00 CD |
| C | 2.50 CN | 3.00 CD |

#### OPTICAL DESIGN



Lens design parameters may change depending on the power

#### MATERIAL

|                              |                     |
|------------------------------|---------------------|
| <b>Type</b>                  | Filcon 1 (15) [49%] |
| <b>Dk (iso 9913-1-1998)</b>  | 15                  |
| <b>DK/T (-3.00D)</b>         | 17                  |
| <b>Water content</b>         | 49%                 |
| <b>Cof</b>                   | 0.09                |
| <b>Modulus</b>               | 0.41                |
| <b>Handling tint</b>         | BLUE                |
| <b>Pack size</b>             | Single and 2-pack   |
| <b>Manufacturing process</b> | LATHED              |

# CONVENTIONAL REPLACEMENT

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# CONVENTIONAL REPLACEMENT

## QUATTRO

### HYDROGEL



**Quattro** provides spherical, toric and multifocal correction in multiple diameters for patients already accustomed to a 1-year lens replacement.

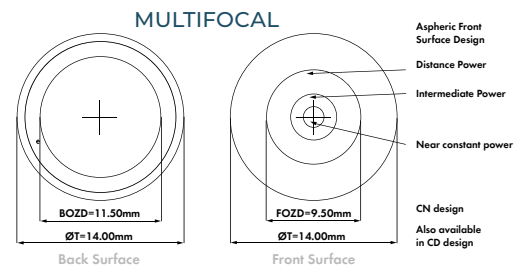
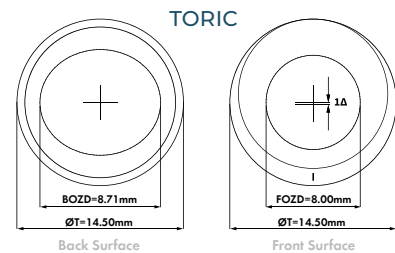
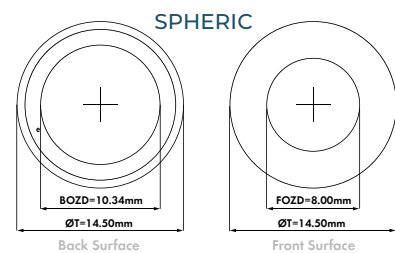


#### PARAMETERS

|                         |                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Base curves (mm)</b> | SPH, TOR 7.70 to 9.80 (0.30) (Ø14.50)<br>MF 8.00 to 9.00 (0.20) (Ø14.00)<br>SPH, TOR 7.10 to 9.20 (0.30) (Ø13.00) |
| <b>Diameters (mm)</b>   | SPH, TORIC 13.00 & 14.50<br>MF 14.00                                                                              |
| <b>Spheres (D)</b>      | SPH, TOR: $\pm 30.00$ (0.25)<br>MF: -12.00 to -1.00 / +1.00 to +8.00 (0.25)                                       |
| <b>Cylinders (D)</b>    | -0.75 to -8.00 (0.25)                                                                                             |
| <b>Axes (°)</b>         | All (5°)                                                                                                          |
| <b>Addition</b>         |                                                                                                                   |

|   | SPH +   | SPH -   |
|---|---------|---------|
| A | 1.00 CN | 1.00 CD |
| B | 1.75 CN | 2.00 CD |
| C | 2.50 CN | 3.00 CD |

#### OPTICAL DESIGN



Lens design parameters may change depending on the power

#### MATERIAL

|                              |                     |
|------------------------------|---------------------|
| <b>Type</b>                  | Filcon 1 (15) [49%] |
| <b>Dk (iso 9913-1-1998)</b>  | 15                  |
| <b>DK/T (-3.00D)</b>         | 17                  |
| <b>Water content</b>         | 49%                 |
| <b>Cof</b>                   | 0.09                |
| <b>Modulus</b>               | 0.41                |
| <b>Handling tint</b>         | BLUE                |
| <b>Pack size</b>             | Single and 2-pack   |
| <b>Manufacturing process</b> | LATHED              |

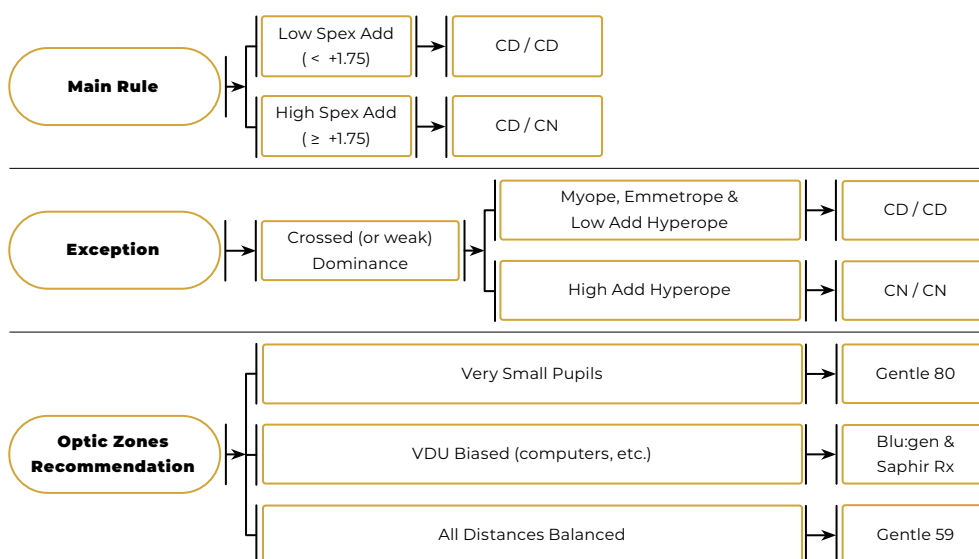
# FITTING GUIDE

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# STEP-BY-STEP FITTING GUIDE FOR MULTIFOCAL AND MULTIFOCAL TORIC CONTACT LENSES

## 1. Lens calculation

- Lens Ø: Add 3mm to HVID
- For the most precise base curve, visit the Online Fitting Calculator (<http://markennovy.com/fitting-calculator/>) or the ordering platform MyEnnovy (<https://www.myennovy.com/CustomerOrders/>). If you do not have internet access, please view the table for a Normal Eye (0.45 eccentricity) at the bottom of the page.
- Updated Spectacle Prescription: Apply vertex distance in both meridians
- Choose Contact Lens Design



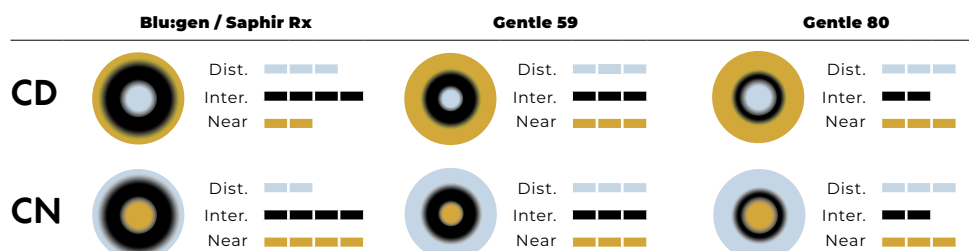
## 2. Evaluate Visual Acuity

If the patient is subjectively happy, VA can be checked binocularly. But for improving vision at any distance, check VA MONOCULARLY at both distances.

|                 |   | Improve Distance            | Improve Near                    |
|-----------------|---|-----------------------------|---------------------------------|
| <b>Sphere</b>   | 1 | Dominant Eye -0.25 or -0.50 | Non-Dominant Eye +0.25 or +0.50 |
|                 | 2 | Both Eyes -0.25 or -0.50    | Both Eyes +0.25 or +0.50        |
| <b>Addition</b> | 3 | Dominant Eye + 0.25 or 0.50 | Non-Dominant Eye + 0.25 or 0.50 |
|                 | 4 | Both Eyes + 0.25 or 0.50    | Both Eyes + 0.25 or 0.50        |
| <b>Geometry</b> | 5 | Dominant Eye CD             | Non-Dominant Eye CN             |
|                 | 6 | Both Eyes CD                | Both Eyes CN                    |

## 3. Optical Zone Design

For Adds greater than 1.75 choosing the correct design for the patients optical needs becomes increasingly important. The diagram shows, and marks out of 4 the optical attributes for both CD and CN designs for each material, for use at distance, intermediate and near vision.



# STEP-BY-STEP FITTING GUIDE FOR MULTIFOCAL AND MULTIFOCAL TORIC CONTACT LENSES

## GENTLE 59 FITTING RULE

The following table is the fitting rule for a normal eye (0.45 eccentricity). For a more precise fit, please use our online fitting calculator.

|                   |               | AVERAGE K-READINGS |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|---------------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| HVID<br>↑<br>Ø CL |               | 7,10               | 7,15 | 7,20 | 7,25 | 7,30 | 7,35 | 7,40 | 7,45 | 7,50 | 7,55 | 7,60 | 7,65 | 7,70 | 7,75 | 7,80 | 7,85 | 7,90 | 7,95 | 8,00 | 8,05 | 8,10 | 8,15 | 8,20 | 8,25 | 8,30 | 8,35 | 8,40 | 8,45 |
|                   | 10,00 → 13,00 | 7,40               | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,30 | 8,30 | 8,30 |
|                   | 10,50 → 13,50 | 7,40               | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 |
|                   | 11,00 → 14,00 | 7,70               | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,60 | 8,60 | 8,60 | 8,60 |
|                   | 11,50 → 14,50 | 7,70               | 7,70 | 7,70 | 7,70 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,90 |
|                   | 12,00 → 15,00 | 8,00               | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 |
|                   | 12,50 → 15,50 | 8,30               | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 9,20 | 9,20 | 9,20 | 9,50 | 9,50 | 9,50 |
|                   | 13,00 → 16,00 | 8,60               | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 9,20 | 9,20 | 9,20 | 9,20 | 9,20 | 9,20 | 9,20 | 9,50 | 9,50 | 9,50 |

## SAPHIR RX, BLU:GEN, BLU:KIDZ & BLU:SSENTIALS FITTING RULE\*

The following table is the fitting rule for a normal eye (0.45 eccentricity). For a more precise fit, please use our online fitting calculator.

|                   |               | AVERAGE K-READINGS |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------------------|---------------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| HVID<br>↑<br>Ø CL |               | 7,10               | 7,15 | 7,20 | 7,25 | 7,30 | 7,35 | 7,40 | 7,45 | 7,50 | 7,55 | 7,60 | 7,65 | 7,70 | 7,75 | 7,80 | 7,85 | 7,90 | 7,95 | 8,00 | 8,05 | 8,10 | 8,15 | 8,20 | 8,25 | 8,30 | 8,35 | 8,40 | 8,45 |
|                   | 8,50 → 11,50  | 6,80               | 6,80 | 6,80 | 6,80 | 6,80 | 7,10 | 7,10 | 7,10 | 7,10 | 7,10 | 7,10 | 7,10 | 7,10 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 |
|                   | 9,00 → 12,00  | 6,80               | 6,80 | 7,10 | 7,10 | 7,10 | 7,10 | 7,10 | 7,10 | 7,10 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 8,00 | 8,00 | 8,00 |
|                   | 9,50 → 12,50  | 7,10               | 7,10 | 7,10 | 7,10 | 7,10 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 |
|                   | 10,00 → 13,00 | 7,10               | 7,10 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,40 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,30 | 8,30 | 8,30 | 8,30 |
|                   | 10,50 → 13,50 | 7,40               | 7,40 | 7,40 | 7,40 | 7,40 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 |
|                   | 11,00 → 14,00 | 7,40               | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 7,70 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 |
|                   | 11,50 → 14,50 | 7,70               | 7,70 | 7,70 | 7,70 | 7,70 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,90 |
|                   | 12,00 → 15,00 | 8,00               | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,00 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 |
|                   | 12,50 → 15,50 | 8,00               | 8,00 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,30 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 9,20 | 9,20 | 9,20 | 9,20 |
|                   | 13,00 → 16,00 | 8,30               | 8,30 | 8,30 | 8,30 | 8,30 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 9,20 | 9,20 | 9,20 | 9,20 | 9,20 | 9,20 | 9,20 | 9,20 | 9,50 | 9,50 |
|                   | 13,50 → 16,50 | 8,60               | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,60 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 8,90 | 9,20 | 9,20 | 9,20 | 9,20 | 9,20 | 9,20 | 9,20 | 9,50 | 9,50 | 9,50 | 9,50 | 9,50 | 9,50 | 9,50 |

\*See product information to view all available parameters.



# STEP-BY-STEP FITTING GUIDE FOR MYLO

## BEFORE FITTING

1. Collect the patients' biometric data: HVID, k-readings and eccentricity/topography.
2. Check corrected and uncorrected visual acuity (VA), both mono and binocularly.
3. Perform refraction: maximum plus for distance.

## CHOOSING THE CONTACT LENS

1. Calculate the lens diameter: HVID + 3.00 mm.
2. Calculate the base curve visiting the Online Fitting Calculator or the ordering platform My'Ennovy.



Online Fitting Calculator  
<http://www.markennovy.com/fitting-calculator>



my'ennovy  
<https://www.myennovy.com/CustomerOrders/>

Also, for an average eye (0.45 eccentricity), you can use the following table:

|               | 7.10 | 7.15 | 7.20 | 7.25 | 7.30 | 7.35 | 7.40 | 7.45 | 7.50 | 7.55 | 7.60 | 7.65 | 7.70 | 7.75 | 7.80 | 7.85 | 7.90 | 7.95 | 8.00 | 8.05 | 8.10 | 8.15 | 8.20 | 8.25 | 8.30 | 8.35 | 8.40 | 8.45 |
|---------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 10.50 → 13.50 | 7.40 | 7.40 | 7.40 | 7.40 | 7.40 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 |
| 11.00 → 14.00 | 7.40 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.60 | 8.60 | 8.60 | 8.60 | 8.60 |
| 11.50 → 14.50 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.60 | 8.60 | 8.60 | 8.60 | 8.60 | 8.60 | 8.60 | 8.90 |
| 12.00 → 15.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.00 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.60 | 8.60 | 8.60 | 8.60 | 8.60 | 8.60 | 8.60 | 8.90 | 8.90 | 8.90 | 8.90 | 8.90 | 8.90 |
| 12.50 → 15.50 | 8.00 | 8.00 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.30 | 8.60 | 8.60 | 8.60 | 8.60 | 8.60 | 8.60 | 8.90 | 8.90 | 8.90 | 8.90 | 8.90 | 8.90 | 8.90 | 8.90 | 9.20 | 9.20 | 9.20 | 9.20 |

3. Calculate the lens power (performing the vertex distance compensation if needed).

## PHYSICAL EVALUATION

1. Let the lenses settle for 20 minutes.
2. Evaluate physical fitting: check if diameter, centration and movement are correct.
  - a. If the physical fitting is correct, please continue and perform the VA evaluation.
  - b. If the physical fitting is not correct, please order a new pair of lenses taking into account your observations.



**CORRECT FIT**



**INCORRECT FIT**

## VA EVALUATION

1. After 20 minutes, check binocular visual acuity for both distance and near. If you wish, perform over-refraction.
2. Let the patient wear the lenses at least for 4 hours.
3. Check monocular and binocular visual acuity (VA) for both distances: a slight reduction compared to spectacles is possible. Ideally there will not be more than one line difference between eyes.
  - a. If binocular vision is 6/7.5, leave the pair of contact lenses for two weeks and check again.
  - b. If binocular vision is < 6/7.5, perform an over-refraction to achieve a VA of 6/7.5 and then order a new pair of lenses to be worn for a two-week period.
4. After two weeks, check binocular VA and perform over-refraction at far distance.
  - a. If binocular VA is still 6/7.5, apply -0.25D or -0.50D to each eye. VA should increase a line mono and binocularly. Order a new pair of lenses.
  - b. If VA is not increased one line with the change, you may decide that VA is sufficient for the patient or find another myopia management intervention (e.g., soft CD multifocal contact lens).

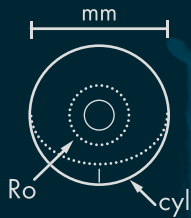
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