

SPECTRUM
INTERNATIONAL



SOFT LENSES FOR MYOPIA MANAGEMENT AND CONTROL

MYLO



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MYLO SILICONE HYDROGEL



- ⊙ EXTENDED DEPTH OF FOCUS
- ⊙ EXTENDED DEPTH OF FOCUS TORIC

PARAMETERS

RADIOS (mm)	7.10 to 9.80 (0.30)
DIAMETERS (mm)	13.50 to 15.50 (0.50)
SPHERES (D)	-0.25 to -15.00 (0.25)

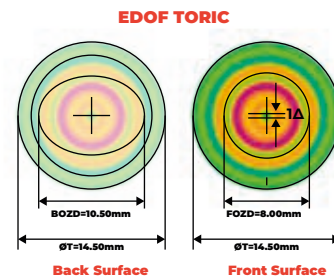
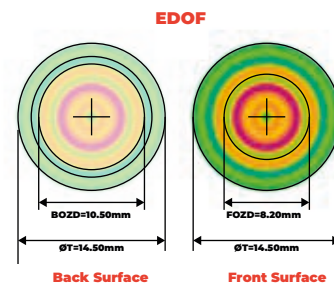
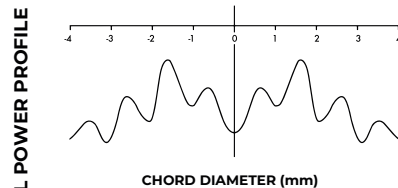
MATERIAL

TYPE	Silicone Hydrogel (75% H ₂ O)
WATER CONTENT	75%
CENTRAL THICKNESS (-3.00 D)	0.10
DK (ISO 9913-1-1998)	60
DK/T (-3.00 D)	50
HANDLING TINT	Blue
MODULUS	0.33
UV FILTER	Class 1
MANUFACTURING PROCESS	Lathed
CoF	0.09
Pack	3 and 6

MYLO is an individually crafted silicone hydrogel contact lens specifically designed for Myopia management and control.

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 acclimation to the lens, enhancing the overall wearing experience. A monthly disposable contact lens, MYLO features high water content and low coefficient of friction, which combine to improve comfort throughout the day. Its wide range of parameters and low elastic modulus ensures an excellent fit and easy handling, especially for the youngest contact lens users.

POWER PROFILE AND OPTICAL DESIGNS



¿Need fitting advice?

Contact Spectrum International for adaptation and certification

STEP-BY-STEP FITTING GUIDE FOR MYOPIA MANAGEMENT LENS

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 MyEnovy.



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



Myopia Profile:
<https://www.myopiaprofile.com/>

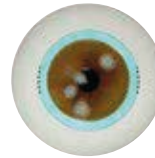
Also, for an average eye (0.45 eccentricity), you can use the following table:

		MEDIUM KERATOMETRY																											
		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
HVID →	Ø LC	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
		11.00 → 14.00	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	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	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	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.30	8.60	8.60	8.60	8.60	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
		12.50 → 15.50	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	8.90	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 FITTING



INCORRECT FITTING

VA EVALUATION

1. After 20 minutes, check binocular visual acuity for both distances. 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 $\geq 20/25$, leave the pair of contact lenses for two weeks and check again.
 - b. If binocular vision is $< 20/25$, perform an over-refraction to achieve a VA of 20/25 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 20/25, 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).