

SYNERGY Product Specifications

Back surface design

Bi-Prism lens construction

Thin lens design

Controlled edge radius

Materials: Methafilcon A 55%
Hioxifilcon B 49%
Polymacon 38.6%

Blue visibility tint

Locator mark at 6 o'clock

Right lens has single black dot

Left lens has double black dot

Doctor and patient name on vial

Doctor and patient name on 3 pack box

GelCalc software for initial lens selection

100% guaranteed fit

Unlimited no charge adjustments within first 90 days

Exact Specification Manufacturing Process (ESMP)

Recommended Parameters:

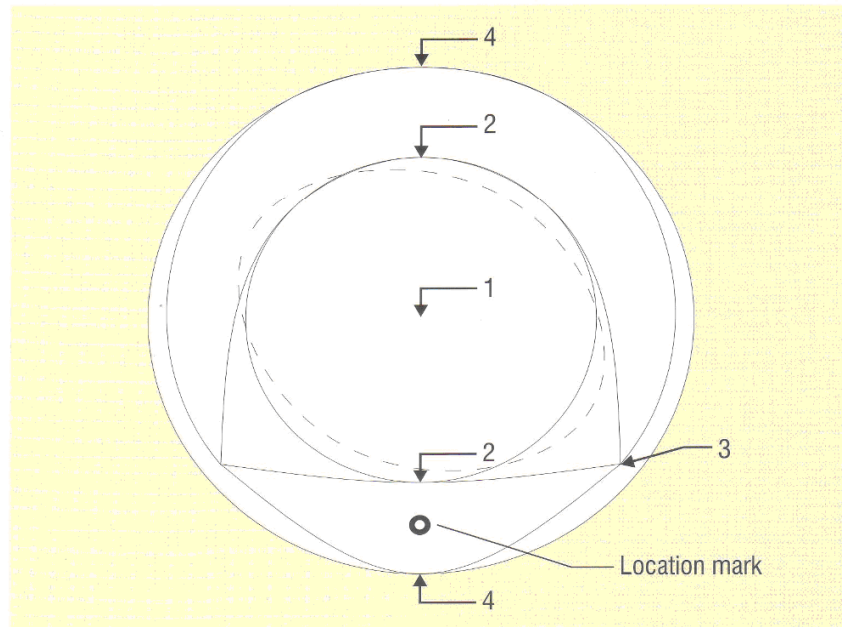
Diameters: 14.3, 14.8, 15.3
Base Curves: 8.0, 8.3, 8.6, 8.9, 9.2
Sphere Powers: Unlimited
Cylinder Powers: Unlimited Cylinders
Axis: 1° steps

Typical Wet Thickness

-3.00 -1.50 X 150

Position	Thickness (mm)
1	0.08 mm
2	0.13 mm
3	0.35 mm
4	0.06 mm

Toric Lens Design



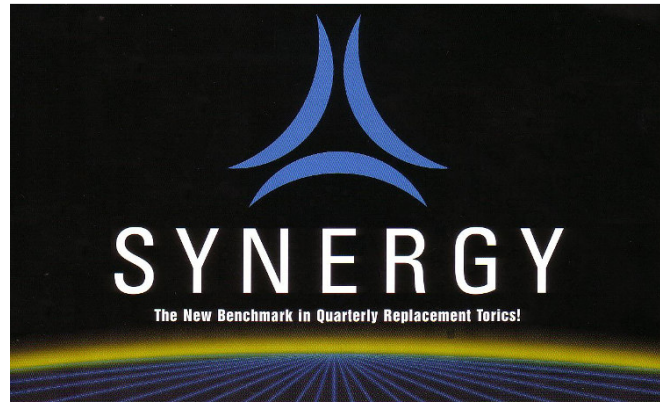
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Toric Quarterly Frequent Replacement Lens Program

What to supply when traditional disposables don't work?

The Synergy program combines the health benefits of a regular replacement lens and the obvious visual advantages of a quality custom made & fitted lens.

Fitting an initial/new Synergy patient is an easy two step, 1 + 3 procedure...

Step 1. Initial Lens Selection

The first lens is ordered and fully covered by a 120 day warranty, allowing the practitioner to fine tune the fit & power. We recommend the use of Gelcalc (our software program – available at n/c) to help calculate the correct parameters from the patients Rx & K Readings.

Step 2. 3 Pack Order

Once the practitioner has finalised the initial pair, a Synergy 3 Pack is ordered (referring to original invoice) for each eye. These 3 Packs are personalised with patient & practice details printed on both the lens vial & packaging.

3 Packs are supplied as non-warranted.

Fitting an existing Synergy patient is a very simple procedure...

After checking that the patient Rx & fit are still correct, simply order a 4 Pack (non-warranted) for each eye. If a change is needed, we suggest you revert to the initial/new patient, two step procedure.

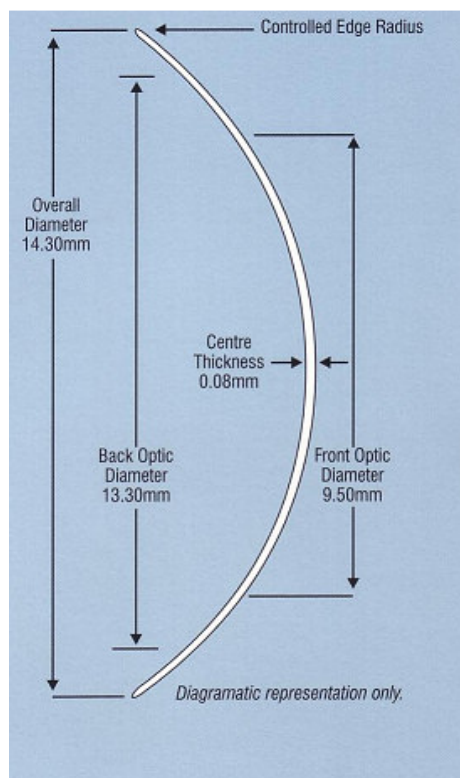
NOTE: Some patients have a sphere & a toric. We also provide the same options for these patients. Please refer to our price list for details.

Synergy 55

The **Synergy 55** (Methafilcon 'A')

These are lathe cut hydrophilic contact lenses for daily wear with a bi-curve lens design and a controlled edge radius.

This construction provides uniform edge thickness throughout the circumference of the lens.



Manufactured from an FDA approved polymer (Methafilcon 'A'), the Synergy 55 lens combines thin lens design with excellent reproducibility, comfort, ease of handling, durability and easy maintenance.

The features of the Synergy 55 Lens include:

- Excellent oxygen transmissibility for safe corneal health
- Superb surface wettability for greater patient comfort
- Simple to fit Bi-curve design with multicurve lenticular front surface to achieve optimal lens overall thickness
- Basic fitting rationale (0.9mm flatter than the flattest 'K')
- Lathe turned with a controlled edge radius

BCOR	6.00mm - 9.90mm in 0.1mm steps
Diameters	12.00 - 16.00 mm in 0.1 steps
Power Range	± 39.00 in 0.25D steps

- Available with blue visibility tint
- Custom tints available
- A range of tint colours and densities available

Synergy 55 Lenses are recommended for daily wear only. Note that heat disinfection and storage solutions preserved with sorbic acid or potassium sorbate should be avoided.

Technical Information

Material Properties

Specific Gravity:
Refractive Index:
Light Transmittance Clear:
With Visiint:
Surface Character:
Water Content:
O₂ Permeability Dk*(@35°)

Synergy 55 (Methafilcon 'A')

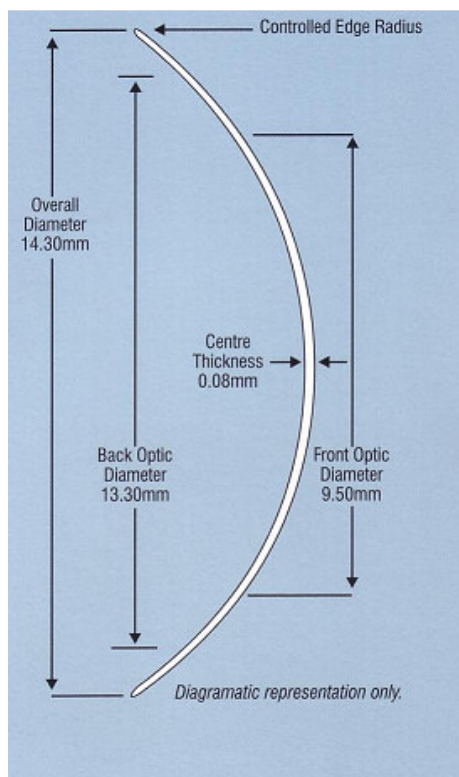
1.377 g/cc
1.52 dry 1.42 in Saline Hydrated
98%
95%
Hydrophilic
55.4% in normal saline
17-18

Synergy 38

The **Synergy 38** (Polymacon)

These are lathe cut hydrophilic contact lenses for daily wear with a bi-curve lens design and a controlled edge radius.

This construction provides uniform edge thickness throughout the circumference of the lens.



Manufactured from an FDA approved polymer (Polymacon) the Synergy 38 Lens combines thin lens design, excellent reproducibility, comfort, ease of handling, durability and easy maintenance.

The features of the Synergy 38 Lens include:

- Simple to fit Bi-curve design utilising a bicurve back surface and multicurve lenticular front surface to achieve optimal lens overall thickness
- Basic fitting rationale (0.8mm flatter than the flattest 'K')
- Lathe turned with a controlled edge radius
- Excellent patient comfort

BCOR	6.00mm - 9.90mm in 0.1mm steps
Diameters	12.00 - 16.00 mm in 0.1 steps
Power Range	± 39.00 in 0.25D steps

- Centre thickness 0.06mm at -3.00D (varies with power)
 - A range of tint colours and densities available
- Synergy 38 Lenses are recommended for daily wear only.

Technical Information

Material Properties

Specific Gravity:
Refractive Index:
Light Transmittance Clear:
With Visiint:
Surface Character:
Water Content:
O₂ Permeability Dk* (@35°)

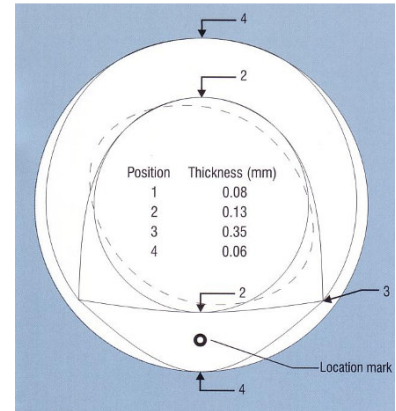
Synergy 38 (Polymacon)

1.301 g/cc
1.52 dry 1.42 in Saline Hydrated
98%
92%
Hydrophilic
38.6% in normal saline
8 - 10

The **Synergy Toric** lens is manufactured on the latest precision DAC ALM Lathes. The **Synergy Toric** has prismatic weighting @ 4 and 8 o'clock to ensure precise lens location and stability.

The **Synergy Toric** lens has a lathe turned toric back surface ensuring optimum optics that are dimensionally stable with predictable results.

The **Synergy Toric** Lenses are computer designed and are produced on Sub-Micron Technology Lathes using Laser beam measuring systems for extreme accuracy. The central optic is prism free, giving a high quality optic zone. The Gelflex BP Toric Lens has excellent stabilising characteristics with precise axis location and marking to aid practitioners.



Synergy Soft Toric

Technical Information

Manufacture:

The Synergy Toric lenses are manufactured on state-of-the-art DAC toric lathes and DAC ALM lathes producing toric lenses of the highest quality.

Design:

The Synergy Toric is a back surface toric lens, a BI-prism lens design with stabilizing Prisms at the 4 o'clock And 8 o'clock position resulting in repeatable lens Stabilization with precise lens axis location.

Choice of Materials:

Synergy 38% (Polymacon)
 Synergy 55% (Methafilcon A)
 Synergy 49% (Hioxifilcon B)

Service:

Synergy toric lenses require 7-9 days for lens manufacture.

Clinical Support:

Clinical support is available from experienced contact lens specialists.

Features

- **Any power or axis Cylinder power to -6.00 is available.**
- **Non-standard lens parameters available.**
- **Easy fitting rationale.**
- **A choice of different soft hydrogel materials in clear or blue handling tints.**
- **Manufactured using the latest precision ALM DAC lathes.**
- **The right lens is dotted once @ 6 o'clock and the left lens twice @ 6**

Benefits

- ✓ A higher cyl range enables practitioners to fit patients requiring larger than normal astigmatic correction.
- ✓ The flexibility of not being tied to standard fitting parameters.
- ✓ Straight forward and easy to understand.
- ✓ A choice of materials to cater for the patients different lifestyles.
- ✓ Precision optical lens of quality and uncompromised comfort.
- ✓ This helps the patient with correct lens insertion.

Trouble Shooting

If the lenses do not locate at the 6 o'clock position.

- Check the lens fitting. If the location mark is mislocated a larger diameter lens may be indicated.
- If the lens has a diameter of 15.00mm (Synergy38 or 14.8 for the Synergy 55 or Synergy 49, then a lens with added prism on the lens is indicated.
- If a illogical Rx is found, eg. Over Rx is +1.00 /-0.75 at an unrelated axis to the spectacle RX, **this indicates that the lens is steep. A flatter lens is required.**

Material Features Summary

Synergy 38	38% Water content	Features : Strong robust lens Simple maintenance Ease of handling Excellent patient comfort
Synergy 55	55% Water content	Features : Hyper-wetting material for greater patient comfort. Excellent oxygen transmissibility for safe corneal health. Can be tinted in an extensive range of colours.
Synergy 49	49% Water content	Features : High Technology material that retains the bound water within the lens material. The resultant lens will not dry on the eye. Available in clear or blue handling tint.

Fitting Guide

Material	Mean K	Order
Synergy 38 (Polymacon)	<7.45	8.2/14.5
	7.46 - 7.65	8.4/14.5
	7.66 - 7.85	8.6/14.5
	7.86 - 8.05	8.8/14.5
	8.06 - 8.25	9.0/15.0
	8.26	9.2/15.0
Synergy 55 (Methafilcon A)	< 7.45	8.3/14.3
	7.46 - 7.75	8.6/14.3
	7.76 - 8.05	8.9/14.8
	8.06 - 8.35	9.2/15.3
	8.36 and above	9.2/15.3
Synergy 49 (Hioxifilcon B)	< 7.45	8.3/14.3
	7.46 - 7.75	8.6/14.3
	7.76 - 8.05	8.9/14.8
	8.06 - 8.35	9.2/15.3
	8.36 and above	9.2/15.3

Synergy Soft Translating Bifocal Contact Lens

The Worlds only Translating Soft Bifocal Contact Lens

A translating bifocal lens that is a true bifocal lens design with defined areas for both distance and near vision.

Practitioner Benefits:

- Available in Sphere & Toric—Same Low Price
- Two Base Curves 8.8 (Standard) 8.4 (Steep)
 - Seg Height 1.25 Below Center
- Unlimited Powers , Cyl, Axis & Add Power
 - Methafilcon A 55%
- Identical Program to the Synergy Custom Lenses
 - 120 Day Warranty on Initial Lens

The **Translating Soft Bifocal Contact Lens** allows for the and full precise optical correction to be incorporated in the lens, providing patients with optimal visual acuity at both near and far distances 'without compromise'.

