BIOFINITY® (comfilcon A) Soft (Hydrophilic) Contact Lenses
For Planned Replacement

IMPORTANT: Please read carefully and keep this information for future use. This package insert is intended for the Eye Care Practitioner but, should be made available to patients upon request. The Eye Care Practitioner should provide the patient with the patient instructions that pertain to the patient's prescribed lens.

SYMBOLS KEY

The following symbols may appear on the label or carton.

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DEFINITION</th>
<th>Reference</th>
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<tbody>
<tr>
<td>! ONLY</td>
<td>Caution: Federal (USA) law restricts this device to sale by or on the order of a licensed practitioner</td>
<td>81 FR 38911</td>
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<td>!</td>
<td>Caution / See Instructions for Wearing</td>
<td>BS EN ISO 15223-1 Table 1, Symbol 5.4.4</td>
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<td>Use by Date (expiration date)</td>
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<td>Sterile using Steam Heat</td>
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<td>Manufacturer</td>
<td>BS EN ISO 15223-1 Table 1, Symbol 5.1.1</td>
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<td>EC REP</td>
<td>Authorized representative in the European Community</td>
<td>BS EN ISO 15223-1 Table 1, Symbol 5.1.2</td>
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<td>Do not use if package is damaged</td>
<td>BS EN ISO 15223-1 Table 1, Symbol 5.2.8</td>
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<td>Consult instructions for use</td>
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<td>Date of manufacture</td>
<td>BS EN ISO 15223-1 Table 1, Symbol 5.1.3</td>
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CAUTION: FEDERAL LAW RESTRICTS THIS DEVICE TO SALE BY OR ON THE ORDER OF A LICENSED PRACTITIONER.

DESCRIPTION

BIOFINITY (comfilcon A) Contact Lenses are available as spheric, aspheric, toric and multifocal lens designs.

The lenses are made from a material containing 48% water and 52% comfilcon A, a silicone-containing hydrogel. The lenses have a tint (phthalocyanine blue) which is added to make the lens more visible for handling.

BIOFINITY and BIOFINITY XR SPHERE (comfilcon A) contact lenses parameters:
- Diameter: 13.5 mm to 15.0 mm
- Base Curve: 8.0 mm to 9.5 mm
- Center Thickness: 0.065 mm to 0.60 mm (varies with power)
- Powers: -20.00 D to +20.00 D

BIOFINITY ENERGY™ ASPHERE (comfilcon A) contact lenses parameters:
- Diameter: 13.5 mm to 15.0 mm
- Base Curve: 8.0 mm to 9.5 mm
- Center Thickness: 0.065 mm to 0.60 mm (varies with power)
- Powers: -20.00 D to +20.00 D

BIOFINITY TORIC (comfilcon A) and BIOFINITY XR TORIC (comfilcon A) contact lenses parameters:
- Diameter: 13.5 mm to 15.0 mm
- Base Curve: 8.0 mm to 9.5 mm
- Center Thickness: 0.08 mm to 0.60 mm (varies with power)
- Powers: -20.00 D to +20.00 D
- Cylinder: -0.25 D to -5.75 D
- Axis: 0° to 180°

BIOFINITY MULTIFOCAL (comfilcon A) and BIOFINITY XR MULTIFOCAL (comfilcon A) contact lenses parameters:
- Diameter: 13.5 mm to 15.0 mm
- Center Thickness: 0.08 mm to 0.60 mm (varies with power)
- Powers: -20.00 D to +20.00 D
- Addition Powers: +0.50 D to +4.00 D

The physical/optical properties of the lens are:
- Refractive Index: 1.40
- Light Transmittance: >97%
- Surface Character: Hydrophilic
- Water Content: 48%
- Specific Gravity: 1.04
- Oxygen Permeability: $128 \times 10^{-11}$ (cm²/sec)(ml 02/ml x mmHg) 35°C (Coulometric method)

Call our Customer Service Department at (800) 341-2020 for current availability.

ACTIONS

When placed on the cornea in its hydrated state, the BIOFINITY (comfilcon A) Soft (Hydrophilic) Contact Lens acts as a refracting medium to focus light rays on the retina. The toric lens provides a more even surface over the uneven astigmatic cornea and thus helps to focus light rays on the retina.

INDICATIONS FOR USE

Spherical and Aspherical

BIOFINITY and BIOFINITY XR SPHERE (comfilcon A) Soft Contact lenses are indicated for the correction of ametropia (myopia and hyperopia) in aphakic and non-aphakic persons with non-diseased eyes in powers from -20.00 to +20.00 dipters. The lenses may be worn by persons who exhibit astigmatism of 2.00 dipters or less that does not interfere with visual acuity.

BIOFINITY ENERGY™ ASPHERE (comfilcon A) Soft Contact lenses are indicated for the correction of ametropia (myopia and hyperopia) in aphakic and non-aphakic persons with non-diseased eyes in powers from -20.00 to +20.00 dipters. The lenses may be worn by persons who exhibit astigmatism of 2.00 dipters or less that does not interfere with visual acuity.

Toric

BIOFINITY TORIC (comfilcon A) and BIOFINITY XR TORIC (comfilcon A) Soft Contact lenses are indicated for the correction of ametropia (myopia or hyperopia with astigmatism) in aphakic and non-aphakic persons with non-diseased eyes in powers from -20.00 to +20.00 dipters and astigmatic corrections from -0.25 to -5.75 dipters.

Multifocal

BIOFINITY MULTIFOCAL (comfilcon A) and BIOFINITY XR MULTIFOCAL (comfilcon A) lenses are indicated for the correction of refractive ametropia (myopia and hyperopia) and emmetropia with presbyopia in aphakic and non-aphakic persons with non-diseased eyes in powers from -20.00 to +20.00 dipters with add powers from +0.50 to +4.00 dipters. The lenses may be worn by persons who exhibit astigmatism of 2.00 dipters or less that does not interfere with visual acuity.

The BIOFINITY (comfilcon A) Soft (Hydrophilic) Contact Lenses have been approved for extended wear for up to 6 nights /7 days of continuous wear. It is recommended that the contact lens wearer first be evaluated on a daily wear schedule. If successful, then a gradual introduction of extended wear can be followed as determined by the prescribing Eye Care Practitioner.

Eye Care Practitioners may prescribe the lens for frequent replacement wear, with cleaning, disinfecting and scheduled replacements (see WEARING SCHEDULE).
CONTRAINDICATIONS (REASONS NOT TO USE)

Do not use the BIOFINITY lens when any of the following conditions exist:

- Acute and subacute inflammation or infection of the anterior chamber of the eye.
- Any eye disease, injury, or abnormality that affects the cornea, conjunctiva, or eyelids.
- Severe insufficiency of lacrimal secretion (dry eyes).
- Corneal hypoesthesia (reduced corneal sensitivity), if not aphakic.
- Any systemic disease that may affect the eye or be exaggerated by wearing contact lenses.
- Allergic reactions of ocular surfaces or adnexa that may be induced or exaggerated by wearing contact lenses or use of contact lens solutions.
- Allergy to any ingredient, such as mercury or thimerosal, in a solution, which is to be used to care for any BIOFINITY lens.
- Any active corneal infection (bacterial, fungal, or viral).
- If eyes become red or irritated.
- The patient is unable to follow lens care regimen or unable to obtain assistance to do so.

WARNINGS:

PROBLEMS WITH CONTACT LENSES AND LENS CARE PRODUCTS COULD RESULT IN SERIOUS INJURY TO THE EYE.

It is essential that the patient follows the directions of the eye care practitioner and all labeling instructions for proper use of contact lenses and lens care products, including the lens case.

Patients should be advised of the following instructions for use and warnings pertaining to contact lens wear:

i. Soaking and Storing the Lenses

*Instruction for Use:*

Use only fresh multi-purpose (contact lens disinfecting) solution each time the patient soaks (stores) the lenses.

*WARNING:*

Do not reuse or "top off" old solution left in the lens case since solution reuse reduces effective lens disinfection and could lead to severe infection, vision loss or blindness.

"Topping-Off" is the addition of fresh solution to solution that has been sitting in the case.

ii. Rub and Rinse Time

*Instruction for Use:*

- Rub and rinse the lenses according to the recommended lens rubbing and rinsing times in the labeling of the multi-purpose solution to adequately disinfect the lenses.

*WARNING:*

- Rub and rinse the lenses for the recommended amount of time to help prevent serious eye infections.
- Never use water, saline solution, or rewetting drops to disinfect the lenses. These solutions will not disinfect the lenses. Not using the recommended disinfectant can lead to severe infection, vision loss or blindness.

iii. Lens Case Care

*Instruction for Use:*

- Empty and clean contact lens cases with digital rubbing using fresh, sterile disinfecting solutions/contact cleaner.
- Never use water. Cleaning should be followed by rinsing with fresh, sterile disinfecting solutions (never use water) and wiping the lens cases with fresh, clean tissue is recommended. Never air-dry or recap the lens case lids after use without any additional cleaning methods. If air drying, be sure that no residual solution remains in the case before allowing it to dry.
- Replace the lens case according to the directions given by the eye care professional or the labeling that came with the case.
- Contact lens cases can be a source of bacterial growth.

*WARNING:*

Do not store the lenses or rinse the lens case with water or any non-sterile solution. Only use fresh multi-purpose solution to not contaminate the lenses or lens case. Use of non-sterile solution can lead to severe infection, vision loss or blindness.

iv. Water Activity

*Instruction for Use:*

- Do not expose the contact lenses to water while wearing them.
**WARNING:**

Water can harbor microorganisms that can lead to severe infection, vision loss or blindness. If the lenses have been submerged in water when swimming in pools, lakes or oceans, discard them and replace them with a new pair. Ask the eye care practitioner (professional) for recommendations about wearing the lenses during any activity involving water.

**v. Discard Date on Multi-Purpose Solution Bottle**

**Instruction for Use:**

- Discard any remaining solution after the recommended time period indicated on the bottle of multi-purpose solution used for disinfecting and soaking the contact lenses.
- The Discard date refers to the time to safely use contact lens care product after the bottle has been opened. It is not the same as the expiration date, which is the last date that the product is still effective before it is opened.

**WARNING:**

Using the multi-purpose solution beyond the discard date could result in contamination of the solution and can lead to severe infection, vision loss or blindness.

- To avoid contamination, DO NOT touch tip of container to any surface. Replace cap after using.
- To avoid contaminating the solution, DO NOT transfer to other bottles or containers.

**EYE PROBLEMS, INCLUDING CORNEAL ULCERS, CAN DEVELOP RAPIDLY AND LEAD TO LOSS OF VISION; IF THE FOLLOWING IS EXPERIENCED:**

- Eye Discomfort,
- Excessive Tearing,
- Vision Changes;
- Loss of Vision,
- Eye Redness
- Or Other Eye Problems

**PATIENTS SHOULD BE INSTRUCTED TO IMMEDIATELY REMOVE THE LENSES, AND PROMPTLY CONTACT THE EYE CARE PRACTITIONER.**

- Daily wear lenses are not indicated for overnight wear, and patients should be instructed not to wear lenses while sleeping. Clinical studies have shown that risk of serious adverse reactions is increased when these lenses are worn overnight.
- Studies have shown that contact lens wearers who are smokers have a higher incidence of adverse reactions than nonsmokers.

- Patients should be cautioned that proper use and care of the contact lenses and lens care products, including lens cases, are essential for the safe use of these products. It is essential that patients follow their Eye Care Practitioner’s directions and all labeling instructions for proper use of lenses and lens care products. Patients should fill their lens case with fresh solution every time they store their lenses, and never re-use solution. Additionally, they should clean and rinse their lens case between uses as recommended by their Eye Care Practitioner. Eye problems, including corneal ulcers, can develop rapidly and lead to loss of vision.

- The result of a study\(^1\) indicate the following:
  - The overall annual incidence of ulcerative keratitis in daily wear contact lens users is estimated to be about 4.1 per 10,000 persons and about 20.9 per 10,000 persons in extended wear contact lens users.
  - The risk of ulcerative keratitis is 4 to 5 times greater for extended wear contact lens users than for daily wear users. When daily wear users who wear their lenses overnight and extended wear users who wear their lenses on a daily basis are excluded from the comparison, the risk among extended wear users are 10 to 15 times greater than among daily wear users.
  - When daily users wear their lenses overnight (outside the approved indication), the risk of ulcerative keratitis is 9 times greater than among those who do not wear them overnight.
  - The overall risk of ulcerative keratitis may be reduced by carefully following directions for lens care, including cleaning the lens case.
  - The risk of ulcerative keratitis among contact lens users who smoke is estimated to be 3 to 8 times greater than among non-smokers.
  - If patients experience eye discomfort, excessive tearing, vision changes, redness of the eye or other problems, they should be instructed to immediately remove their lenses and promptly contact their Eye Care Practitioner. It is recommended that contact lens wearers see their Eye Care Practitioner routinely as directed.

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\(^1\)New England Journal of Medicine, September 21, 1989; 321(12), pp 773-783

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**PRECAUTIONS**

**Special Precautions for Eye Care Practitioners**

- Due to the small numbers of patients enrolled in clinical investigation of lenses, all refractive powers, design configurations, or lens parameters available in the lens material are not evaluated in significant numbers. Consequently, when selecting an appropriate lens design and parameters, the Eye Care Practitioner should consider all characteristics of the lens that can affect lens performance and ocular health, including oxygen permeability, wettability, central and peripheral thickness, and optic zone diameter.
- The potential impact of these factors on the patient’s ocular health should be carefully weighed against the patient’s need for refractive correction; therefore, the continuing ocular health of the patient and lens performance on the eye should be carefully monitored by the prescribing Eye Care Practitioner.
- Patients who wear contact lenses to correct presbyopia may not achieve the best corrected visual acuity for either far or near vision. Visual requirements vary with the individual and should be considered when selecting the most appropriate type of lens for each patient.
- Aphakic patients should not be fitted with any BIOFINITY contact lenses until the determination is made that the eye has healed completely.
- Fluorescein, a yellow dye, should not be used while the lenses are on the eyes. The lenses absorb the dye and become discolored. Whenever fluorescein is used in the eyes, the eyes should be flushed with a sterile saline solution that is recommended for in-eye use.
The patient should be informed that the following problems may occur:

**ADVERSE REACTIONS**
The patient should be informed that the following problems may occur:

- Eyes stinging, burning, or itching (irritation), or other eye pain.
- Comfort is less than when the lens was first placed on the eye.
- Feeling that something is in the eye such as a foreign body or a scratched area.
- Excessive watering (tearing) of the eyes.
- Unusual eye secretions.
- Redness of the eyes.
- Reduced sharpness of vision (poor visual acuity).
- Blurred vision, rainbows, or halos around objects.
- Sensitivity to light (photophobia).
- Dry eyes.

If the patient notices any of the above, he or she should be instructed to:

- Immediately remove the lenses.
- If the discomfort or the problem stops, then look closely at the lens. If the lens is in some way damaged, do not put the lens back on the eye. Place the lens in the storage case and contact the eye care practitioner. If the lens has dirt, an eyelash, or other foreign body on it, or the problem stops and the lens appears undamaged, the patient should thoroughly clean, rinse, and disinfect both lenses; then reinsert them. After reinserter, if the problem continues the patient should immediately remove the lenses and consult the Eye Care Practitioner.

When any of the above problems occur, a serious condition such as infection, corneal ulcer, neovascularization, or iritis may be present. The patient should be instructed to keep the lens off the eye and seek immediate professional identification of the problem and prompt treatment to avoid serious eye damage.

**FITTING**

Conventional methods of fitting contact lenses apply to all BIOFINITY contact lenses. For a detailed description of the fitting techniques, refer to the BIOFINITY Professional Fitting and Information Guide, copies of which are available from:

CooperVision, Inc.
711 North Road
Scottsville, New York 14546
1-800-341-2020
www.coopervision.com

**WEARING SCHEDULE**
The wearing and replacement schedules should be determined by the Eye Care Practitioner. Patients tend to over-wear the lenses initially. The Eye Care Practitioner should emphasize the importance of adhering to the initial maximum wearing schedule. Regular checkups, as determined by the eye care practitioner are also extremely important.

CooperVision recommends that all BIOFINITY lenses be discarded and replaced with a new lens on a frequent replacement basis. The eye care practitioner is encouraged to determine an appropriate lens replacement schedule based upon the response of the patient.

**DAILY WEAR** (less than 24 hours, while awake). The maximum suggested wearing time is:

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<tr>
<th>Day</th>
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<tr>
<td>1</td>
<td>6</td>
<td>4</td>
<td>12</td>
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<td>2</td>
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<td>5</td>
<td>14</td>
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<tr>
<td>3</td>
<td>10</td>
<td>6</td>
<td>All waking hours</td>
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The Eye Care Practitioner should determine the wearing and replacement schedule, based upon the patient's history and their ocular examination, as well as the practitioner's experience and clinical judgment.

**EXTENDED WEAR** BIOFINITY contact lenses may be prescribed for daily wear and extended wear for up to 6 nights/ 7 days of continuous day and night wear. Not all patients can achieve the maximum wear time. It is recommended that the contact lens wearer be evaluated on a daily wear schedule. If successful, then a gradual introduction of extended wear can be followed as determined by the prescribing Eye Care Practitioner.

Once removed, it is recommended that the lens remain out of the eye for a period of rest overnight or longer and discarded in accordance with the prescribed wearing schedule. The Eye Care Practitioner should determine the appropriate wearing time and provide specific instructions to the patient regarding lens care, insertion and removal.
LENS CARE DIRECTIONS
Eye Care Practitioners should review with the patient lens care directions, including both basic lens care information and specific instructions on the lens care regimen recommended for the patient.

- Always wash, rinse, and dry hands before handling contact lenses.
- Do not use saliva or anything other than the recommended solutions for lubricating or rewetting. Do not put lenses in the mouth.
- The patient should always have a spare pair of lenses at all times.

General Lens Care: (For Planned Replacement)

Basic Instructions:
- Always use fresh, unexpired lens care solutions.
- Use the recommended chemical (not heat) system of lens care and carefully follow instructions on solution labeling. Different solutions cannot always be used together, and not all solutions are safe to use with all lenses. Do not alternate or mix lens care systems unless indicated on solution labeling.
- Lenses should be cleaned, rinsed, and disinfected each time they are removed. Cleaning and rinsing are necessary to remove mucus and film from the lens surface. Disinfecting is necessary to destroy harmful germs.
- Always remove, clean, rinse, (as recommended by the eye care practitioner) and disinfect lenses according to the schedule prescribed by the eye care practitioner. The use of an enzyme cleaner is not recommended.
- The eye care practitioner should recommend a care system that is appropriate for BIOFINITY contact lenses. Each lens care product contains specific directions for use and important safety information, which should be read and carefully followed.
- Note: Some solutions may have more than one function, which will be indicated on the label. Read the label on the solution bottle and follow directions.
- Clean one lens first (always the same lens first to avoid mix-ups), rinse the lens thoroughly with recommended saline or disinfection solution to remove cleaning solution, mucus, and film from the lens surface, and put that lens into the correct chamber of the lens storage case. Then repeat the procedure for the second lens.
- After cleaning, and rinsing, disinfect lenses using the system recommended by the manufacturer and/or Eye Care Practitioner.
- To store lenses, disinfect and leave them in the closed/unopened case until ready to wear. If lenses are not to be used immediately following disinfection, the patient should be instructed to consult the package insert or the eye care practitioner for information on the storage of lenses.
- After removing the lenses from the lens case, empty and rinse the lens storage case with solution as recommended by the lens case manufacturer; then allow the lens case to air dry. When the lens case is used again, refill it with storage solution. Replace the lens case at regular intervals as recommended by the lens case manufacturer or your Eye Care Practitioner.
- Eye Care Practitioners may recommend a lubrication/rewetting solution, which can be used to wet (lubricate) the lenses while they are being worn to make them more comfortable.

CHEMICAL LENS DISINFECTION (Including Hydrogen Peroxide):
- Clean the contact lenses with a recommended cleaning solution and thoroughly rinse them with a recommended rinsing solution.
- After cleaning and rinsing, to disinfect, carefully follow the instructions accompanying the disinfecting solution in the eye care regimen recommended by the lens manufacturer or the Eye Care Practitioner.
- When using hydrogen peroxide lens care systems, lenses must be neutralized before wearing. Follow the recommendations on the hydrogen peroxide system labeling.
- When using hydrogen peroxide lens care systems, the patient must use ONLY the lens case provided with the hydrogen peroxide care system. This case is specially designed to neutralize the solution. Failure to use the specialized case will result in severe stinging, burning, and injury to the eye. Follow the recommendations on the hydrogen peroxide system labeling exclusively. Following disinfection with a peroxide system, the lenses should be rinsed with sterile saline. Thoroughly rinse lenses with a fresh solution recommended for rinsing before inserting and wearing or follow the instructions on the disinfection solution labeling.
- Do not heat the disinfection solution and lenses.
- Leave the lenses in the unopened storage case until ready to put on the eyes.
- CAUTION: Lenses that are chemically disinfected may absorb ingredients from the disinfecting solution which may be irritating to the eyes. A thorough rinse in fresh sterile saline solution prior to placement in the eye should reduce the potential for irritation.

LENS CASE CLEANING AND MAINTENANCE
Contact lens cases can be a source of bacteria growth. Lens cases should be emptied, cleaned, and rinsed with solution recommended by the lens case manufacturer, and allowed to air dry. Lens cases should be replaced at regular intervals as recommended by the lens case manufacturer or the Eye Care Practitioner.

CARE FOR A DRIED OUT (DEHYDRATED) LENS
If any BIOFINITY lens is exposed to air while off the eye, it may become dry and brittle. In this event, simply dispose of the lens and replace with a fresh one.

CARE FOR A STICKING (NONMOVING) LENS
If the lens sticks (stops moving or cannot be removed), the patient should be instructed to apply 2 to 3 drops of the recommended lubricating or rewetting solution directly to the eye and wait until the lens begins to move freely on the eye before removing it. If non-movement of the lens continues more than 5 minutes, the patient should immediately consult the Eye Care Practitioner.

EMERGENCIES
The patient should be informed that if chemicals of any kind (household products, gardening solutions, laboratory chemicals, etc.) are splashed into the eyes, the patient should: FLUSH THE EYES IMMEDIATELY WITH TAP WATER AND IMMEDIATELY CONTACT THE EYE CARE PRACTITIONER OR VISIT A HOSPITAL EMERGENCY ROOM WITHOUT DELAY.

HOW SUPPLIED
Each lens is supplied sterile in a blister pack containing buffered isotonic saline solution. The blister is labeled with the base curve, diameter, dioptic power, manufacturing lot number, and expiration date of the lens.

DO NOT USE IF THE BLISTER PACK IS BROKEN OR THE SEAL HAS BEEN DAMAGED

REPORTING OF ADVERSE REACTIONS
All serious adverse experiences and adverse reactions observed in patients wearing any BIOFINITY contact lens or experienced with the lenses should be reported to:

CooperVision
Attn: Product Services
711 North Road
Scottsville, New York 14546
(800) 341-2020
www.coopervision.com
Hamble, Southampton, SO31 4RF, UK