

Contact Day 1, the comfortable daily lens.
For active moments without glasses.




Small
lens.



Great
freedom.

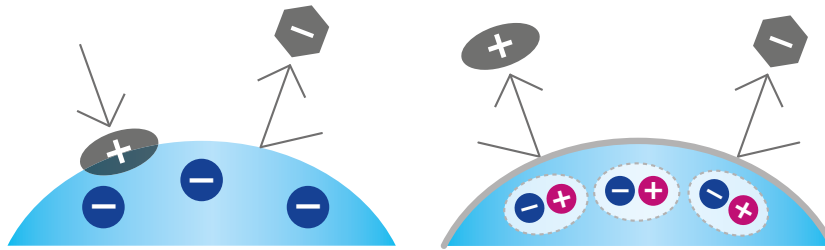


We make it visible.



"I like to be active and on the move during my free time. I will often spontaneously switch my glasses for Contact Day 1 – and enjoy the sense of freedom."

Natural materials and active agents – for ideal comfort and a light, fresh feeling



Cross section of lens surface

High resistance to deposits:

With conventional ionic contact lenses (left), the negative charge of the lens surface results in positively charged deposits, e.g. proteins. Thanks to the positively and negatively charged ions in the material of Contact Day 1 (right), the charge of the lens surface remains neutral and deposits are prevented.

High comfort for the entire day

Contact Day 1 daily lenses are made of bi-ionic bio-hydrogel. This natural material is softer than conventional silicone hydrogels – without neglecting the eye's oxygen supply. This ensures a high degree of comfort throughout the day and makes Contact Day 1 the perfect alternative to glasses for special, active moments.

Natural component – algin

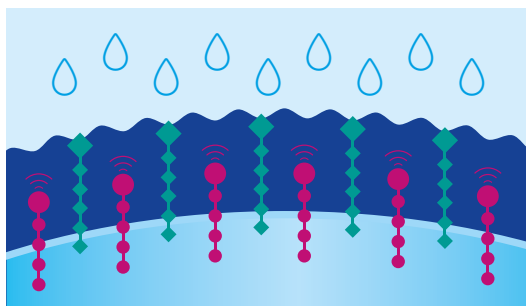
Algin is a natural agent obtained from algae extract. This highly hydrophilic polymer holds lacrimal fluid on the lens surface, creating a protective film. Furthermore, additional non-ionic wetting agents promote the binding of moisture and prevent the adhesion of lacrimal deposits.

Stable moisture retention for a fresh feeling

Thanks to its bi-ionic composition, Contact Day 1 has a hydrophilic effect and ensures a stable moisture content of 58%. Furthermore, it reduces evaporation and deposits, and protects against irritation and intolerance – even with dry eyes. This results not only in improved quality of vision, but also in a comfortably light, fresh feeling.

Sun protection included

Contact Day 1's active UV filter supports the eye's natural protection mechanisms and offers reliable protection against long-term damage from UV rays – even during long, active days in the sunshine.



High water-binding capacity:

When binding and absorbing moisture, the bi-ionic lens material is supported by wetting agents – good for those who experience a feeling of dryness during the day.



Non-ionic surfactants: surfactants bind moisture and prevent the adhesion of impurities.



Algin: this natural ingredient is extracted from marine plants. It binds moisture and also holds lacrimal fluid on the lens surface.

Newly developed design – for optimal fit and outstanding flexibility

Improved geometry

Thanks to the special properties of the lens material, the geometry of Contact Day 1 has been optimally adjusted to today's wearing demands. The edge thickness has been reduced by 30% compared to conventional daily lenses, and the edge area also has an unusually sophisticated design for a daily lens: the double-sided, gently rounded and slightly raised edge profile ensures improved tear flushing and irritation-free gliding of the lens between the eyelid and conjunctiva. This protects the eye, reduces the risk of infection and ensures long-lasting comfort.

Outstanding variety of parameters

Contact Day 1 offers an outstanding variety of parameters – and with it, optimal fit potential. The parametric design is calculated individually taking the dioptric value into consideration, and is gently adjusted using a peripheral transitional control zone. A uniformly slim edge profile is achieved, ensuring moderate lens movement on the eye.

The 32-pack: more content, easy handling

The Contact Day 1 box contains two extra replacement lenses for two additional days – and is as handy and compact as its predecessors. Furthermore, the newly developed closing mechanism makes it easier to use: for hygienic handling of lenses and minimal skin contact, the box is especially simple to open and can be subsequently closed again with just a fingertip.

Something for everybody: three product variants

In order for Contact Day 1 to be employed across the whole spectrum of visual impairments in a targeted way, it is available in spheric, toric and multifocal product variants. The result is a flexibly employable daily lens that not only corrects purely short- or long-sightedness (spheric), but also astigmatism (toric), and, with the multifocal variant, ensures optimal visual acuity for both short and long distances.

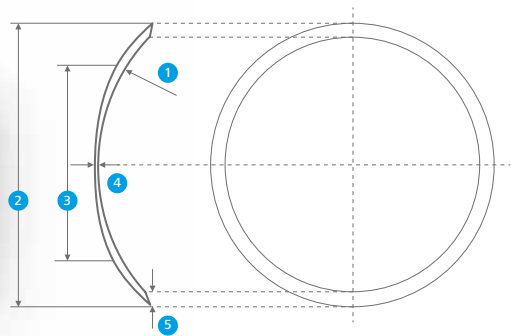


“The new Contact Day 1 box is ideal when you have to be quick on the move: it is particularly easy to open and can be closed again with a fingertip.”



Contact Day 1 – spheric

for correcting spherical visual impairments



Schematic diagram – rear face geometry

- 1 Base curve 2 Diameter T (\varnothing_T) 3 Near/Distance optical zone diameter 4 Centre thickness 5 Bevel width

GEOMETRY

Rear face:

Double curve, spherical with comfort edge profile

Front face:

Spherical near/distance optical zone with lenticular transition zone, adaptive design control

DELIVERY RANGE

Base curve:

8.80

Diameter:

14.20

Dioptre:

-0.50 to -6.00 [0.25]
-6.50 to -16.00 [0.50]

Planar:

+0.50 to +5.00 [0.25]
+5.50 to +8.00 [0.50]

USE

For spherical visual impairments (myopia and hypermetropia)

For all weaker astigmatisms ≤ 0.50 dpt

FITTING RECOMMENDATION

Diameter:

Corneal diameter +2.00 (+/-0.50 mm)

Base curve:

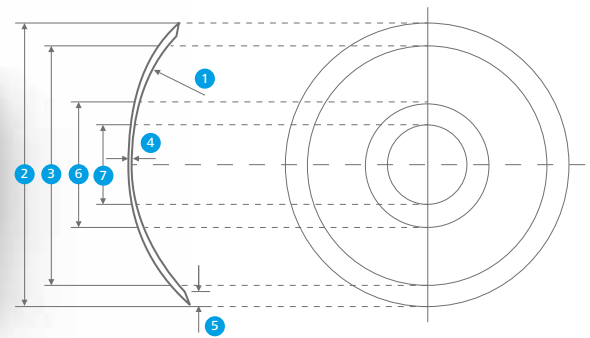
Add 1.00 mm to medium corneal meridian (+/-0.30 mm)

Dioptre:

Sphere + 1/2 cylinder of current eyesight test at VD = 0

Contact Day 1 – multifocal

for correcting spherical visual impairments in presbyopia



Schematic diagram – front face geometry

- 1 Base curve
- 2 Diameter T (\varnothing_T)
- 3 Near/Distance optical zone diameter
- 4 Centre thickness
- 5 Bevel width
- 6 Transition zone diameter
- 7 Distance/Near optical zone diameter

GEOMETRY

Rear face:

Double curve, spherical with comfort edge profile

Front face:

Multifocal aspherically far-centred near/distance optical zone with lenticular transition zone, adaptive design control

DELIVERY RANGE

Base curve:

8.80

Diameter:

14.20

Dioptr:

Distance value:

-0.25 to -10.00 [0.25]

Planar to +5.00 [0.25]

Near addition (far-centred):

'Type A' (+0.75)

'Type B' (+1.50)

USE

For early presbyopia in conjunction with spherical visual impairments (myopia and hypermetropia)

FITTING RECOMMENDATION

Diameter:

Corneal diameter +2.0 (+/-0.5 mm)

Base curve:

Add 1.0 mm to shallow corneal meridian (+/-0.3 mm)

Dioptr:

Natural visual acuity has priority, therefore:

1. Far-centred
2. Addition profiles with low dioptric value adjustments

Distance value:

Sphere + 1/2 cylinder of current eyesight test at VD = 0 or

Dioptric reference value of single-vision version

Distance value:

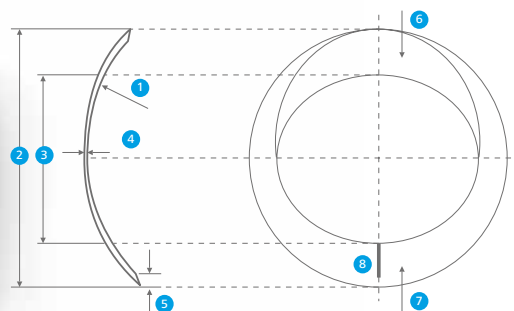
a) Start with 'Type A'; for addition values higher than +1.50 or worse start with 'Type B' for visual acuity at both distances;

b) Tolerance test approx. 30 min. (gather visual impressions, test simple near-vision functions;

c) binocular withdrawal under good lighting conditions by degrees of 0.25, as much plus as possible; for poor near vision, switch to 'Type B'

Contact Day 1 – toric

for correcting astigmatic visual impairments



Schematic diagram – front face geometry

- 1 Base curve
- 2 Diameter T (ØT)
- 3 Near/Distance optical zone diameter
- 4 Centre thickness
- 5 Bevel width
- 6 Slab-off
- 7 Prism ballast
- 8 Line mark

GEOMETRY

Rear face:

Double curve, toric with comfort profile

Front face:

Dynamic prism ballast, upper slab-off, adaptive design control

DELIVERY RANGE

Base curve:
8,80

Diameter:
14.20

Dioptre:

Sphere:

Planar to -6.00 [0.25]
-6.50 to -10.00 [0.50]

Cylinder/Axes:

-0.75/-1.25 (20°/ 90°/ 160°/ 180°)
-1.75 (180°)

USE

For stable vision in astigmatism in conjunction with near-sightedness (myopia)

For all astigmatisms > 0.50 dpt along horizontal or vertical axes

FITTING RECOMMENDATION

Diameter:

Corneal diameter +2.0 (+/-0.5 mm)

Base curve:

Add 1.0 mm to shallow corneal meridian (+/-0.3 mm)

Dioptre:

Convert both principal meridians of current eyesight test to VD = 0

a) Select first fitting lens according to the following model:

Brille Sphäre (dpt)	Brille Zylinder (dpt)						
	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	über -2.25
±0.00 ~ -3.00	-0.75	-0.75	-0.75	-1.25	-1.25	-1.75	-1.75
-3.25 ~ -6.00	-0.75	-0.75	-0.75	-0.75	-1.25	-1.25	-1.75
-6.25 ~ -10.00	-0.75	-0.75	-0.75	-0.75	-1.25	-1.25	-1.75

Example:

Glasses:
R: -4.00 / -1.25 A 180°
L: -4.50 / -0.75 A 180°



Contact lenses:
R: -3.75 / -0.75 A 180°
L: -4.00 / -0.75 A 180°

b) Tolerance test approx. 30 min.

c) Fit assessment (good centring, moderate movement). Check the angle using the line mark at 270°

d) Over-refraction, spherical

	CONTACT DAY 1 SPHERIC	CONTACT DAY 1 MULTIFOCAL	CONTACT DAY 1 TORIC
Application area	For correcting spherical visual impairments	For correcting spherical visual impairments in presbyopia	For correcting astigmatic visual impairments
Material	Bi-ionic bio-hydrogel	Bi-ionic bio-hydrogel	Bi-ionic bio-hydrogel
Geometry	<p>Rear face: Double curve, spherical with comfort edge profile</p> <p>Front face: Spherical near/distance optical zone with lenticular transition zone, adaptive design control</p>	<p>Rear face: Double curve, spherical with comfort edge profile</p> <p>Front face: Multifocal aspherically far-centred near/distance optical zone with lenticular transition zone, adaptive design control</p>	<p>Rear face: Double curve, toric with comfort edge profile</p> <p>Front face: Dynamic prism ballast, upper slab-off, adaptive design control</p>
Moisture retention	58 %	58 %	58 %
Tint	Light blue	Light blue	Light blue
Oxygen transfer rate	Dk/t (-3.0): 42.9×10^{-11} Barrer	Dk/t (-3.0): 42.9×10^{-11} Barrer	Dk/t (-3.0): 27.3×10^{-11} Barrer
Delivery range	<p>Base curve: 8.80</p> <p>Diameter: 14.2</p> <p>Dioptr: -0.50 to -6.00 [0.25] -6.50 to -16.00 [0.50]</p> <p>Planar: +0.50 to +5.00 [0.25] +5.50 to +8.00 [0.50]</p>	<p>Base curve: 8.80</p> <p>Diameter: 14.2</p> <p>Dioptr: Distance value: -0.25 to -10.00 [0.25] Planar to +5.00 [0.25] Near addition (far-centred): 'Type A' (+0.75) 'Type B' (+1.50)</p>	<p>Base curve: 8.80</p> <p>Diameter: 14.2</p> <p>Dioptr: Sphere: Planar to -6.00 [0.25] -6.50 to -10.00 [0.50]</p> <p>Cylinder/Axes: -0.75/-1.25 (20°/ 90°/ 160°/ 180°) -1.75 (180°)</p>

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