



Baby Contact lens

Starsoft 66 UV/Definitive 74 UV/Starsoft 75 UV

MEDICAL SOFT LENSES

Geometrie:

Spherical front and back optic zones
Aspheric flattening
Optimized optic zone

Technical data:

Total diameter: 11,00 -> 18,00 mm
Base curve: 6,80 -> 10,00 mm
Sphere: -40,00 -> +40,00 dpt
Steps: 0,10 mm

Fitting:

Total diameter: iris diameter +1,50 mm
Base curve: flattest corneal curve + 0,30 > mm
Sphere: glasses in DVO = 0 mm

Age	Base	Diameter	Power
0-3 Month	7,2	12	40
3-6 Month	7,4	12,5	36
6-9 Month	7,6	13	33
9-12 Month	7,8	13	30

Fitting recommendations:

The contact lens should fit centrally in front of the pupil with approx.

1 mm of movement upon blink.

Choose the smallest diameter to meet these criteria.

A small bubble may be observed upon insertion which is quite normal, the bubble should disappear after a few blinks.

Flat adjustment:

The push-up test helps determine how well the lens is centering.

If the lens stays de-centered or gets stuck beneath the upper eyelid then increase the overall diameter by 0,50 mm or reduce the BCOR by 0,3 mm.

These adjustments can be made in combination.

Steep adjustment:

A steep will display lack of movement, in the Centre is a bubble for longer than 10 minutes. You can dissolve this effect by increasing the BCOR. Generally a slightly flat fit is preferable to a steep fit.

Tight fit:

A tight fitting contact lens will not respond correctly to the push up test.

Observations will show reduced lens movement as well as possible eye redness and irritation.

The lens may also become de-centered getting itself stuck on another part of the eye.

Higher than average centre thickness is normal with high plus powered lenses, however smaller diameters associated with baby lenses help to dissolve the problem. Should the centre thickness be problematic to the fitting of the lens then flatten the BCOR by 0,5 mm.