# Vertex Conversion Chart

| - | 12mm | + |
|---|---|---|
| -3.87 | 4.00 | +4.25 |
| -4.00 | 4.25 | +4.50 |
| -4.25 | 4.50 | +4.75 |
| -4.50 | 4.75 | +5.00 |
| -4.75 | 5.00 | +5.25 |
| -5.00 | 5.25 | +5.62 |
| -5.12 | 5.50 | +5.87 |
| -5.37 | 5.75 | +6.12 |
| -5.62 | 6.00 | +6.50 |
| -5.75 | 6.25 | +6.75 |
| -6.00 | 6.50 | +7.00 |
| -6.25 | 6.75 | +7.37 |
| -6.50 | 7.00 | +7.62 |
| -6.62 | 7.25 | +8.00 |
| -6.87 | 7.50 | +8.25 |
| -7.12 | 7.75 | +8.50 |
| -7.25 | 8.00 | +8.87 |
| -7.50 | 8.25 | +9.12 |
| -7.75 | 8.50 | +9.50 |
| -7.87 | 8.75 | +9.75 |
| -8.12 | 9.00 | +10.12 |
| -8.37 | 9.25 | +10.37 |
| | | |

| | | |
|---|---|---|
| -8.50 | 9.50 | +10.75 |
| -8.75 | 9.75 | +11.00 |
| -8.87 | 10.00 | +11.37 |
| -9.37 | 10.50 | +12.00 |
| -9.75 | 11.00 | +12.75 |
| -10.12 | 11.50 | +13.37 |
| -10.50 | 12.00 | +14.00 |
| -10.87 | 12.50 | +14.75 |
| -11.25 | 13.00 | +15.50 |
| -11.62 | 13.50 | +16.12 |
| -12.00 | 14.00 | +16.75 |
| -12.37 | 14.50 | +17.50 |
| -12.75 | 15.00 | +18.25 |
| -13.00 | 15.50 | +19.00 |
| -13.50 | 16.00 | +19.75 |
| -13.75 | 16.50 | +20.50 |
| -14.12 | 17.00 | +21.50 |
| -14.50 | 17.50 | +22.25 |
| -14.75 | 18.00 | +23.00 |
| -15.12 | 18.50 | +23.75 |
| -15.50 | 19.00 | +24.75 |

# Vertex Conversion Chart – Extended

| - | 12mm | + |
|---|---|---|
| -15.87 | 19.50 | +25.50 |
| -16.12 | 20.00 | +26.37 |
| -16.50 | 20.50 | +27.11 |
| -16.75 | 21.00 | +28.12 |
| -17.12 | 21.50 | +29.00 |
| -17.37 | 22.00 | +29.87 |
| -17.75 | 22.50 | +30.87 |
| -18.00 | 23.00 | +31.75 |
| -18.37 | 23.50 | +32.62 |
| -18.62 | 24.00 | +33.62 |
| -18.87 | 24.50 | +34.75 |
| -19.25 | 25.00 | +35.75 |
| -19.50 | 25.50 | +36.75 |
| -19.87 | 26.00 | +37.75 |
| -20.12 | 26.50 | +38.87 |
| -20.37 | 27.00 | +40.00 |
| -20.75 | 27.50 | +41.00 |
| -21.00 | 28.00 | +42.25 |
| -21.25 | 28.50 | +43.50 |
| -21.50 | 29.00 | +44.50 |
| -21.87 | 29.50 | +45.66 |
| -22.12 | 30.00 | +47.00 |
| | | |

| | | |
|---|---|---|
| -22.37 | 30.50 | +48.12 |
| -22.62 | 31.00 | +49.50 |
| -22.87 | 31.50 | +50.75 |
| -23.12 | 32.00 | +52.12 |
| -23.37 | 32.50 | +53.50 |
| -23.62 | 33.00 | +54.62 |
| -23.87 | 33.50 | +56.12 |
| -24.12 | 34.00 | +57.50 |
| -24.50 | 34.50 | +59.50 |
| -24.75 | 35.00 | +60.62 |

# Vertex Conversion

Only powers (+/-)4.00 or greater need to be vertexed. The following programs are based on a vertex distance of 13.00 millimeters.

Enter the spectacle lens power in the appropriate input box and hit the Calculate button to get the vertexed contact lens power. All powers must be entered in eigth of a diopter steps (4.00, 4.12, 4.37, 4.50, 4.62, 4.75, 4.87) up to +/-21.00.

Please be sure to use the decimal point (4.37).

**Plus Powers**

Spectacle Lens Power: +

Calculate Reset

Vertexed Lens Power: +

**Minus Powers**

Spectacle Lens Power: -

Calculate Reset

Vertexed Lens Power: -

Toll Free | 800-223-1858

# Diopter to Radius (mm) Conversion Chart

*Diopter to Radius Conversion Formula:* **337.5/D = mm**

*Radius to Diopter Conversion Formula:* **337.5/mm = D**

| *Diopter* | *Radius* | *Diopter* | *Radius* | *Diopter* | *Radius* |
|---|---|---|---|---|---|
| 23.00D | 14.67mm | 39.00D | 8.65mm | 49.00D | 6.89mm |
| 24.00D | 14.06mm | 39.25D | 8.60mm | 49.25D | 6.85mm |
| 25.00D | 13.50mm | 39.50D | 8.54mm | 49.50D | 6.82mm |
| 26.00D | 12.98mm | 39.75D | 8.49mm | 49.75D | 6.78mm |
| 27.00D | 12.50mm | 40.00D | 8.44mm | 50.00D | 6.75mm |
| 28.00D | 12.05mm | 40.25D | 8.39mm | 50.25D | 6.72mm |
| 29.00D | 11.63mm | 40.50D | 8.33mm | 50.50D | 6.68mm |
| 30.00D | 11.25mm | 40.75D | 8.28mm | 50.75D | 6.65mm |
| 31.00D | 10.88mm | 41.00D | 8.23mm | 51.00D | 6.62mm |
| 31.25D | 10.80mm | 41.25D | 8.18mm | 51.25D | 6.58mm |
| 31.50D | 10.71mm | 41.50D | 8.13mm | 51.50D | 6.55mm |
| 31.75D | 10.63mm | 41.75D | 8.08mm | 51.75D | 6.52mm |
| 32.00D | 10.54mm | 42.00D | 8.04mm | 52.00D | 6.49mm |
| 32.25D | 10.46mm | 42.25D | 7.99mm | 52.25D | 6.45mm |
| 32.50D | 10.38mm | 42.50D | 7.94mm | 52.50D | 6.42mm |
| 32.75D | 10.30mm | 42.75D | 7.89mm | 52.75D | 6.39mm |
| 33.00D | 10.22mm | 43.00D | 7.85mm | 53.00D | 6.36mm |
| 33.25D | 10.15mm | 43.25D | 7.80mm | 53.25D | 6.34mm |
| 33.50D | 10.07mm | 43.50D | 7.76mm | 53.50D | 6.31mm |
| 33.75D | 10.00mm | 43.75D | 7.71mm | 53.75D | 6.28mm |
| 34.00D | 9.92mm | 44.00D | 7.67mm | 54.00D | 6.25mm |
| 34.25D | 9.85mm | 44.25D | 7.63mm | 54.25D | 6.22mm |
| 34.50D | 9.78mm | 44.50D | 7.58mm | 54.50D | 6.19mm |
| 34.75D | 9.71mm | 44.75D | 7.54mm | 54.75D | 6.16mm |
| 35.00D | 9.64mm | 45.00D | 7.50mm | 55.00D | 6.13mm |
| 35.25D | 9.57mm | 45.25D | 7.46mm | 55.25D | 6.10mm |
| 35.50D | 9.50mm | 45.50D | 7.42mm | 55.50D | 6.08mm |
| 35.75D | 9.44mm | 45.75D | 7.38mm | 55.75D | 6.05mm |
| 36.00D | 9.37mm | 46.00D | 7.34mm | 56.00D | 6.03mm |
| 36.25D | 9.31mm | 46.25D | 7.30mm | 56.25D | 6.00mm |
| 36.50D | 9.24mm | 46.50D | 7.26mm | 56.50D | 5.97mm |

| | | | | | |
|---|---|---|---|---|---|
| 36.75D | 9.18mm | 46.75D | 7.22mm | 56.75D | 5.95mm |
| 37.00D | 9.12mm | 47.00D | 7.18mm | 57.00D | 5.93mm |
| 37.25D | 9.06mm | 47.25D | 7.14mm | 57.25D | 5.90mm |
| 37.50D | 9.00mm | 47.50D | 7.11mm | 57.50D | 5.88mm |
| 37.75D | 8.94mm | 47.75D | 7.07mm | 57.75D | 5.85mm |
| 38.00D | 8.88mm | 48.00D | 7.03mm | 58.00D | 5.83mm |
| 38.25D | 8.82mm | 48.25D | 6.99mm | 58.25D | 5.80mm |
| 38.50D | 8.76mm | 48.50D | 6.96mm | 58.50D | 5.77mm |
| 38.75D | 8.70mm | 48.75D | 6.92mm | 58.75D | 5.75mm |

(44.00).

Base Curve in Diopters:

Calculate Reset

Base Curve in Millimeters:

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according to the chart.

| Corneal Cylinder | Flatten by |
|---|---|
| 0 - .50 | .50 |
| .62 - 1.25 | .25 |
| 1.37 - 3.00 | On flat "K" |
| Over 3.00 | Consider Toric |

Flatten the smallest K reading by the adjustment factor (subtract). Then convert from diopters to millimeters.

Example: 45.00/46.00
46.00-45.00=1.00
Flatten by .25 according to the chart.
45.00-.25=44.75
44.75=7.54mm

**RGP Prescription**

Enter the K's below, hit the Calculate button and the chart will do the math. Be sure to use the decimal point (44.00).

**K Readings:** First K Reading _____ Second K Reading _____

**Prescription:** First Power _____ Cylinder Power _____ Axis _____

Calculate Reset

**Base Curve Calculation Output**

Corneal Cylinder:
Adjustment factor:
Base Curve in Diopters:
Base Curve in Millimeters"
Diameter:
Optical Zone:
Bevel:

**Power Calculation Output**

Rx Converted to Minus Cylinder: X
Type of Astigmatism:
Make Toric or Sphere?
Sphere Power
Sphere Power Vertexed if Neccessary (13mm):

If the design requires a toric please call 1-800-223-1858 for expert consultation.

Toll Free | 800-223-1858

# Back Toric Base Curve Calculator

ART Optical contact lens, inc.

PARAGON AUTHORIZED LABORATORY PARTNER

**Flat K 44.50-48.00**

**Secondary Base Curve**

| | |
|---|---|
| 48.37 | 2.50 |
| 48.62 | 2.75 |
| 48.75 | 3.00 |
| 48.87 | 3.25 |
| 49.12 | 3.50 |
| 49.25 | 3.75 |
| 49.37 | 4.00 |
| 49.62 | 4.25 |
| 49.75 | 4.50 |
| 49.87 | 4.75 |
| 50.12 | 5.00 |
| 50.25 | 5.25 |

**Spectacle Cylinder**

**Flat K** ▶ 46.75

**(Primary Base Curve)**

| | |
|---|---|
| 50.37 | 5.50 |
| 50.62 | 5.75 |
| 50.75 | 6.00 |
| 50.87 | 6.25 |
| 51.12 | 6.50 |
| 51.25 | 6.75 |
| 51.37 | 7.00 |
| 51.62 | 7.25 |
| 51.75 | 7.50 |
| 51.87 | 7.75 |
| 52.12 | 8.00 |
| 52.25 | 8.25 |
| 52.37 | 8.50 |
| 52.62 | 8.75 |
| 52.75 | 9.00 |

**Spectacle Cylinder**

Consider a back toric lens when the corneal cylinder and spectacle cylinder amount are relatively equal. Refer to bi-toric fitting calculator for proper fitting guidelines.

**Instructions:**
**Set Flat K in window.**
**Read Secondary Base Curve at Spectacle Cylinder.**
**See side 2 for more Flat K numbers.**

**Calculating Back Toric Lens Power:**
Use vertex corrected spectacle sphere power as the final contact lens power. The cylinder is automatically induced by the base curve difference.

**Consultation: 800-566-8001**
**Ordering: 800-253-9364**
**Fax: 800-648-2272**
**www.artoptical.com**

PARAGON HDS®

# Bi-Toric Base Curve Calculator

ART Optical contact lens, inc.

PARAGON AUTHORIZED LABORATORY PARTNER

**Flat K 40.00-43.25**

**Secondary Base Curve**

| | |
|---|---|
| | 43.00 |
| | 43.25 |
| | 43.50 |
| | 43.75 |
| | 44.00 |
| | 44.25 |
| | 44.50 |
| | 44.75 |
| | 45.00 |
| | 45.25 |
| 44.50 | 45.50 |
| 44.75 | 45.75 |

**Steep K**

**Flat K** ▶ 42.50

**(Primary Base Curve)**

| | |
|---|---|
| 45.00 | 46.00 |
| 45.25 | 46.25 |
| 45.50 | 46.50 |
| 45.75 | 46.75 |
| 46.00 | 47.00 |
| 46.25 | 47.25 |
| 46.50 | 47.50 |
| 46.75 | 47.75 |
| 47.00 | 48.00 |
| 47.25 | 48.25 |
| 47.50 | 48.50 |
| 47.75 | 48.75 |
| 48.00 | 49.00 |
| 48.25 | 49.25 |
| 48.50 | 49.50 |
| 48.75 | 49.75 |
| 49.00 | 50.00 |

**Steep K**

**Instructions:**
**Set Flat K in window.**
**Read Secondary Base Curve at Steep K.**

**Calculating Bi-Toric Lens Power:**
Use vertex corrected spectacle sphere power for first power. Correct cylinder value for vertex and add to sphere power for second power.

**Consultation: 800-566-8001**
**Ordering: 800-253-9364**
**Fax: 800-648-2272**
**www.artoptical.com**

PARAGON HDS®

# Empirical Fitting in 4 Simple Steps!

## EASY FITTING & REFERENCE GUIDE

## Renovation®

### Base Curve Selection

**DETERMINE THE BASE CURVE FIT BY REFERENCING THE FLAT K AND THE AMOUNT OF CORNEAL CYLINDER PRESENT**

| If Corneal Cylinder is: | Select Base Curve: |
|---|---|
| Spherical to 1.25D | On Flat K |
| 1.50 to 2.25D | 0.25D Steeper than K |
| 2.50 to 3.00D | 0.50D Steeper than K |

### Diameter Selection

**DETERMINE THE DIAMETER BY THE BASE CURVE SELECTED**

| If Base Curve is: | Diameter Selection: |
|---|---|
| 8.50 to 8.45mm | 10.0mm |
| 8.40 to 8.20mm | 9.6mm |
| 8.15 to 7.50mm | 9.5mm |
| 7.45 to 7.20mm | 9.2mm |
| 7.15 to 6.90mm | 9.0mm |

### Distance Power Selection

**DETERMINE THE DISTANCE POWER**

Compensate for any vertex change (sphere powers of (+/-) 4.00 diopters or greater) and adjust for any tear layer change generated from going steeper than flat K.

### Add Power Selection

**DETERMINE THE NEAR ADD POWER**

Add 0.25D to the spectacle add power. If spectacle add power is +2.00, then contact lens near add power will be +2.25.

## Renovation®E

### Base Curve Selection

**DETERMINE THE BASE CURVE FIT BY REFERENCING THE FLAT K AND THE AMOUNT OF CORNEAL CYLINDER PRESENT**

| If Corneal Cylinder is: | Select Base Curve: |
|---|---|
| Spherical to 1.25D | 0.50D Steeper than K |
| 1.50 to 2.25D | 0.75D Steeper than K |
| 2.50 to 3.00D | 1.00D Steeper than K |

### Diameter Selection

**DETERMINE THE DIAMETER BY THE BASE CURVE SELECTED**

| If Base Curve is: | Diameter Selection: |
|---|---|
| 8.50 to 8.45mm | 10.0mm |
| 8.40 to 8.20mm | 9.6mm |
| 8.15 to 7.50mm | 9.5mm |
| 7.45 to 7.20mm | 9.2mm |
| 7.15 to 6.90mm | 9.0mm |

### Distance Power Selection

**DETERMINE THE DISTANCE POWER**

Compensate for any vertex change (sphere powers of (+/-) 4.00 diopters or greater) and adjust for any tear layer change generated from going steeper than flat K.

### Add Power Selection

**DETERMINE THE NEAR ADD POWER**

Add 0.25D to the spectacle add power. If spectacle add power is +2.00, then contact lens near add power will be +2.25.


**Customer Care Center**
*phone* **800.253.9364**
*fax* **800.648.2272**

ART Optical contact lens, inc.
**Online www.artoptical.com**

**Consultation Department**
**800.566.8001** *phone*
**800.421.5991** *color fax*

# THINSITE® 2

by Art Optical Contact Lens, Inc.

## FITTING & REFERENCE GUIDE

# Three Step Fitting Guide:

### 1. Select diameter by keratometry range

**Diameter selection is based on corneal diameter relative to corneal curvature. Flatter corneas are typically larger and may require a larger lens size while steeper corneas are typically smaller and may require a smaller lens size. This is only considered a starting point and may be altered as needed to optimize the fitting relationship.**

| If Keratometry Range is: | Select Diameter: |
|---|---|
| Flatter than 39.25D | 10.0 |
| 39.50 to 42.50D | 9.5 |
| 42.75 to 45.50D | 9.0 |

### 2. Determine base curve according to corneal cylinder and diameter selected

| Corneal Cylinder | 8.5 Diameter | 9.0 Diameter | 9.5 Diameter | 10.0 Diameter |
|---|---|---|---|---|
| SPH to 0.50D | On Flat K | .25D Flatter | .50D Flatter | .50D Flatter |
| 0.75 to 1.25D | .25D Steeper | On Flat K | .25D Flatter | .25D Flatter |
| 1.50 to 2.00D | .50D Steeper | .25D Steeper | On Flat K | On Flat K |
| 2.25 to 2.75D | .75D Steeper | .50D Steeper | .25D Steeper | .25D Steeper |

### Trial Lens Fitting Set Parameters:

**Base Curves:** 7.30-7.90mm and 7.70-8.30mm in .10mm steps
**Diameter:** 9.0 (7.30-7.90 base curves)
**Diameter:** 9.5 (7.70-8.30 base curves)
**Power:** -3.00D

### 3. Power Selection

**Determine power by compensating for any vertex change** *(sphere powers of +/- 4.00D or higher)* **and adjust for any tear layer change generated from going flatter or steeper than flat K.**

ART Optical contact lens, inc.

*toll-free ordering* **800.253.9364**
*consultation direct* **800.566.8001**

Made in Bausch & Lomb Boston® XO$_2$ Material

# Envision Fitting Guide

***by Art Optical Contact Lens, Inc.***

**STEEP K**

| FLAT K | 41.50 | 41.75 | 42.00 | 42.25 | 42.50 | 42.75 | 43.00 | 43.25 | 43.50 | 43.75 | 44.00 | 44.25 | 44.50 | 44.75 | 45.00 | 45.25 | 45.50 | 45.75 | 46.00 | 46.25 | 46.50 | 46.75 | 47.00 | 47.25 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.50 | 8.30 | 8.30 | 8.30 | 8.20 | 8.20 | 8.20 | 8.20 | 8.10 | 8.10 | 8.10 | 8.10 | | | | | | | | | | | | | |
| 40.75 | | 8.30 | 8.30 | 8.30 | 8.20 | 8.20 | 8.20 | 8.20 | 8.10 | 8.10 | 8.10 | 8.10 | | | | | | | | | | | | |
| 41.00 | | | 8.20 | 8.20 | 8.20 | 8.10 | 8.10 | 8.10 | 8.10 | 8.00 | 8.00 | 8.00 | 8.00 | | | | | | | | | | | |
| 41.25 | | | | 8.20 | 8.20 | 8.20 | 8.10 | 8.10 | 8.10 | 8.10 | 8.00 | 8.00 | 8.00 | 8.00 | | | | | | | | | | |
| 41.50 | | | | | 8.10 | 8.10 | 8.10 | 8.00 | 8.00 | 8.00 | 8.00 | 7.90 | 7.90 | 7.90 | 7.90 | | | | | | | | | |
| 41.75 | | | | | | 8.10 | 8.10 | 8.10 | 8.00 | 8.00 | 8.00 | 8.00 | 7.90 | 7.90 | 7.90 | 7.90 | | | | | | | | |
| 42.00 | | | | | | | 8.00 | 8.00 | 8.00 | 7.90 | 7.90 | 7.90 | 7.90 | 7.80 | 7.80 | 7.80 | 7.80 | | | | | | | |
| 42.25 | | | | | | | | 8.00 | 8.00 | 8.00 | 7.90 | 7.90 | 7.90 | 7.90 | 7.80 | 7.80 | 7.80 | 7.80 | | | | | | |
| 42.50 | | | | | | | | | 7.90 | 7.90 | 7.90 | 7.80 | 7.80 | 7.80 | 7.80 | 7.70 | 7.70 | 7.70 | 7.70 | | | | | |
| 42.75 | | | | | | | | | | 7.90 | 7.90 | 7.90 | 7.80 | 7.80 | 7.80 | 7.80 | 7.70 | 7.70 | 7.70 | 7.70 | | | | |
| 43.00 | | | | | | | | | | | 7.80 | 7.80 | 7.80 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | 7.70 | | | |
| 43.25 | | | | | | | | | | | | 7.80 | 7.80 | 7.80 | 7.70 | 7.70 | 7.70 | 7.70 | 7.60 | 7.60 | 7.60 | 7.60 | | |
| 43.50 | | | | | | | | | | | | | 7.80 | 7.80 | 7.80 | 7.70 | 7.70 | 7.70 | 7.70 | 7.60 | 7.60 | 7.60 | 7.60 | |
| 43.75 | | | | | | | | | | | | | | 7.70 | 7.70 | 7.70 | 7.60 | 7.60 | 7.60 | 7.60 | 7.50 | 7.50 | 7.50 | 7.50 |

**STEEP K**

| FLAT K | 45.00 | 45.25 | 45.50 | 45.75 | 46.00 | 46.25 | 46.50 | 46.75 | 47.00 | 47.25 | 47.50 | 47.75 | 48.00 | 48.25 | 48.50 | 48.75 | 49.00 | 49.25 | 49.50 | 49.75 | 50.00 | 50.25 | 50.50 | 50.75 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44.00 | 7.70 | 7.70 | 7.70 | 7.60 | 7.60 | 7.60 | 7.60 | 7.50 | 7.50 | 7.50 | 7.50 | | | | | | | | | | | | | |
| 44.25 | | 7.60 | 7.60 | 7.60 | 7.50 | 7.50 | 7.50 | 7.50 | 7.50 | 7.50 | 7.40 | 7.40 | | | | | | | | | | | | |
| 44.50 | | | 7.60 | 7.60 | 7.60 | 7.50 | 7.50 | 7.50 | 7.50 | 7.40 | 7.40 | 7.40 | 7.40 | | | | | | | | | | | |
| 44.75 | | | | 7.50 | 7.50 | 7.50 | 7.50 | 7.50 | 7.50 | 7.50 | 7.40 | 7.40 | 7.40 | 7.40 | | | | | | | | | | |
| 45.00 | | | | | 7.50 | 7.50 | 7.50 | 7.40 | 7.40 | 7.40 | 7.40 | 7.30 | 7.30 | 7.30 | 7.30 | | | | | | | | | |
| 45.25 | | | | | | 7.50 | 7.50 | 7.50 | 7.40 | 7.40 | 7.40 | 7.40 | 7.30 | 7.30 | 7.30 | 7.30 | | | | | | | | |
| 45.50 | | | | | | | 7.40 | 7.40 | 7.40 | 7.30 | 7.30 | 7.30 | 7.30 | 7.30 | 7.30 | 7.30 | 7.30 | | | | | | | |
| 45.75 | | | | | | | | 7.40 | 7.40 | 7.40 | 7.30 | 7.30 | 7.30 | 7.30 | 7.20 | 7.20 | 7.20 | 7.20 | | | | | | |
| 46.00 | | | | | | | | | 7.30 | 7.30 | 7.30 | 7.30 | 7.30 | 7.30 | 7.30 | 7.20 | 7.20 | 7.20 | 7.20 | | | | | |
| 46.25 | | | | | | | | | | 7.30 | 7.30 | 7.30 | 7.20 | 7.20 | 7.20 | 7.20 | 7.10 | 7.10 | 7.10 | 7.10 | | | | |
| 46.50 | | | | | | | | | | | 7.30 | 7.30 | 7.30 | 7.30 | 7.30 | 7.20 | 7.20 | 7.20 | 7.10 | 7.10 | 7.10 | | | |
| 46.75 | | | | | | | | | | | | 7.20 | 7.20 | 7.20 | 7.10 | 7.10 | 7.10 | 7.10 | 7.10 | 7.10 | 7.10 | 7.10 | | |
| 47.00 | | | | | | | | | | | | | 7.20 | 7.20 | 7.20 | 7.10 | 7.10 | 7.10 | 7.10 | 7.00 | 7.00 | 7.00 | 7.00 | |
| 47.25 | | | | | | | | | | | | | | 7.10 | 7.10 | 7.10 | 7.10 | 7.10 | 7.10 | 7.10 | 7.00 | 7.00 | 7.00 | 7.00 |
| 47.50 | | | | | | | | | | | | | | | 7.10 | 7.10 | 7.10 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |
| 47.75 | | | | | | | | | | | | | | | | 7.10 | 7.10 | 7.10 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |
| 48.00 | | | | | | | | | | | | | | | | | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 | 7.00 |

***1. Determine proper base curve.*** Follow flat K and steep K on chart for proper base curve. Base curves available in .10 steps.

***2. Determine diameter.*** Standard diameter for optimum performance is 9.6, but diameters are available from 9.3 to 10.3 in .10 steps.

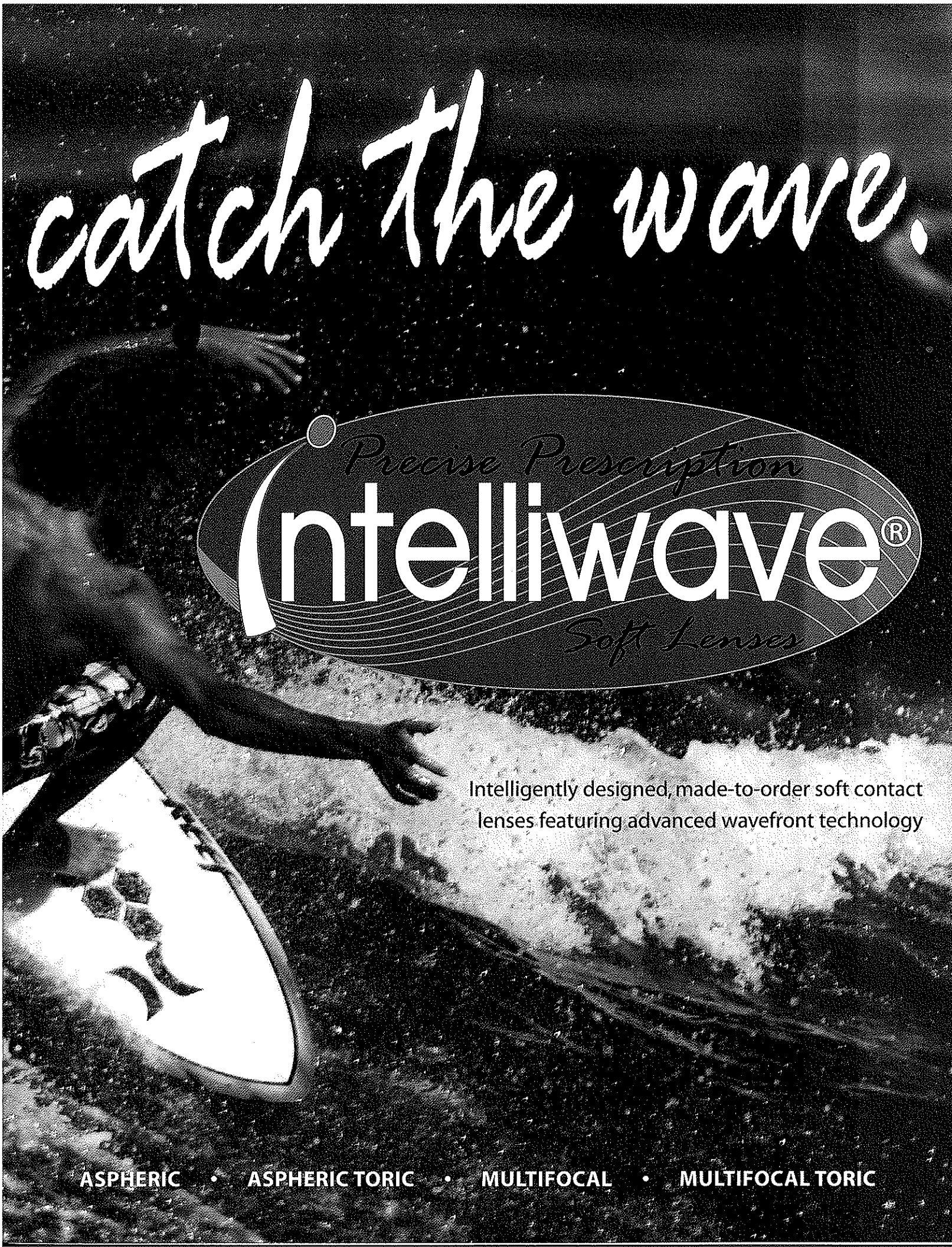
***3. Determine vertex corrected spectacle sphere power.*** Compensate for vertex power over +/-4.00 diopters.

***4. Determine contact lens power.*** Take vertex corrected power and compensate for tear film. (steeper add minus)

***5.*** Envision lenses are made from Boston 7 material, blue handling tint, with UV.

ART Optical contact lens, inc.

C960813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