

**CONTACT LENS
MARKING IDENTIFICATION GUIDE**

SENIOR PROJECT

BY

ANITA PALMER

MARCH 1995

TABLE OF CONTENTS

Bausch and Lomb.....	page 1
Ciba.....	2
Coast Vision.....	4
Ocular Science/American Hydron.....	4
Pilkington Barnes Hind.....	4
Sunsoft.....	5
Wesley-Jessen.....	5
Identificaton Chart.....	6
References.....	7

Special thanks to Dr. James Paramore for the idea and supervision.

Please note that unless otherwise specified, all marks are correctly read from anterior surface to posterior surface.

BAUSCH AND LOMB

DAILY WEAR SHPHERE

- * The following lenses are all marked with the actual series letter, and a number to indicate diameter (ie, the B&L U4 lens is marked with a U4): B3, B4, L3, L4, U, U3, U4, H03, H04, H3, H4, N, F3. A series letter with no number represents a 12.5mm lens, a 3 represents a 13.5mm lens and a 4 represents a 14.5mm lens.
- * Optima 38
Before 1993 this lens was marked with the triangle within a circle and an SLI (sag I) or an SLII (sag II).
- * Present markings are the B&L indicator and a letter code that corresponds to a base curve:
S=8.4, steep
M=8.7, medium
F=9.0, flat

EXTENDED WEAR

- * O3 AND O4 lenses are marked with their actual series letter, and a diameter number, 3=13.5, 4=14.5.
- * Optima FW
Before 1993 the lens was marked with E1. Present markings correspond to base curve:
S=8.4
M=8.7
F=9.0

MULTIPACKAGES

- * Medalist
B&L indicator and the S, M, or F code for 8.4, 8.7, and 9.0 base curves respectively.

MULTIPACK TORICS

- * Gold Medalist Toric
B&L indicator and 3 laser marks at 5, 6, and 7 o'clock. Note that the B&L is read correctly with the marks rotated to the 12:00 position.
- * Medalist Toric
3 laser marks at 5, 6, and 7 o'clock with a crosshair on the center mark.

B&L continued

DISPOSABLE SPHERE

- * Seequence
Handling tint, B&L indicator, and an ES.
- * Seequence II
Handling tint, B&L indicator, and the S, M, or F code for the 8.4, 8.7, and 9.0 base curves respectively.
- * Occasions Single Use Disposables
Handling tint, and B&L indicator.

DAILY WEAR TORICS

- * Optima Toric/Optima Toric MTD
3 laser marks at 5, 6, and 7 o'clock.

FLEXIBLE WEAR TORICS

- * B&L FW Toric
3 laser marks at 5, 6, and 7 o'clock.

BIFOCAL MULTIPACKS

- * Occasions
B&L indicator and OCC.

CIBA

DAILY WEAR SPHERES

- * Cibasoft Standard
Cibasoft Standard Visitint
Cibasoft Standard Softcolors
13.8 OAD 8.3 Base Curve...CIBA E3
 8.6 ...CIBA E6
 8.9 ...CIBA E9
- * Cibasoft
Cibasoft Visitint
Cibasoft Softcolors
13.8 OAD 8.3 Base Curve...CIBA A3
 8.6 ...CIBA A6
 8.9 ...CIBA A9
14.5 OAD 8.6 ...CIBA B6
 8.9 ...CIBA B9
 9.2 ...CIBA B2

CIBA continued

EXTENDED WEAR SPHERE

- * Cibathin
Cibathin Softcolors
13.8 OAD 8.6 Base Curve...CIBA D6
 8.9 ...CIBA D9

MULTIPLE PACKAGE SPHERE

- * Focus
Visitint or enhancing tint.
14.0 OAD 8.6 Base Curve...CIBA S6
 8.9 ...CIBA S9

TINTED OPAQUE SPHERES

- * Illusions
13.8 OAD 8.3 Base Curve...CIBA I3
 8.6 ...CIBA I6
 8.9 ...CIBA I9

DAILY WEAR TORICS

- * Torisoft Minus and Softcolors
Two scribe marks at 3 and 9 o'clock.
14.5 OAD 8.6 Base Curve...CIBA T86
 8.9 ...CIBA T89
 9.2 ...CIBA T92
- * Torisoft Plus and Softcolors
Two scribe marks at 3 and 9 o'clock.
14.5 OAD 8.6 Base Curve...CIBA +6
 8.9 ...CIBA +9

EXTENDED WEAR TORICS

- * Spectrum Toric
Three scribe marks at 3, 6, and 9 o'clock.

MULTIFOCALS

- * Bisoft
13.8 OAD 8.3 Base Curve...CIBA C3
 8.6 ...CIBA C6
 8.9 ...CIBA C9
- * Spectrum Bifocal
Visitint.
14.0 OAD 8.6 Base Curve...CIBA V6
 8.9 ...CIBA V9

COAST VISION

TORICS

- * Hydrasoft Toric
One scribe mark at 6 o'clock.
- * Hydrasoft Toric XW
One scribe mark at 6 o'clock.

OCULAR SCIENCE/AMERICAN HYDRON

Torics

- * Hydron Ultra T
Three scribe marks at 5:30, 6:00, and 6:30.

PILKINGTON BARNES HIND

TORICS

- * CSI Clarity Toric
Visitint. Three laser lines at 5, 6, and 7 o'clock. Lenses are marked with a cylinder power code and a two digit axis code.
Cylinder Code: Axis Designation Code:
-1.00...C 10...12
-1.75...D 20...14
-2.50...E 30...16
 40...18
 50...21
 60...23
 70...25
 80...27
 90...29
 100..32
 110..34
 120..36
 130..38
 140..41
 150..43
 160..45
 170..47
 180..49
- * Hydrocurve III
Three laser lines at 5, 6, and 7 o'clock.
Axis noted on the lens.
- * Hydrocurve II
One laser line at 6 o'clock or three laser lines at 5, 6, and 7 o'clock.

SUNSOFT

TORICS

- * Sunsoft Eclipse
Target at 6 o'clock.
- * Sunsoft Toric
Target at 6 o'clock.

WESLEY-JESSEN

DISPOSABLES

- * Freshlook Lite Tint and Colors
Light green handling tint or opaque colors.
WJ inversion mark. Note this is read correctly
when looking from posterior surface to anterior surface.

DAILY WEAR OPAQUE SPHERE

- * Durasoft 2 Colors
D2 inversion mark.

EXTENDED WEAR SPHERE

- * Durasoft 3 Colors
Base curve inversion mark.

TINTED TORICS

- * Durasoft 3 Optifit Toric Colors
Bidirectional at 6 o'clock and 20 apart.
WJ inversion mark.
- * Durasoft 2 Optifit Toric
Bidirectional at 6 o'clock and 20 apart.
Light green handling tint.
- * Durasoft 3 Optifit Toric
Bidirectional at 6 o'clock and 20 apart.

CONTACT LENS IDENTIFICATION CHART

BAUSCH AND LOMB



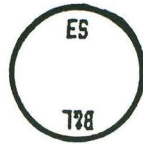
Letter Series



Optima 38



Optima 38*



Seequence



Occasions Single Use



Occasions Multifocal



B&L FW Toric
Optima Toric



Medalist Toric



Gold Medalist Toric

* Also
Medalist
Seequence II
Optima FW

Base Curve Codes

S=8.4
M=8.7
F=9.0

SLI=sag 1
SLII=sag 2

CIBA



E=Ciba Standard



A=Cibasoft 13.8



B=Cibasoft 14.5



D=Cibathin



S=Focus



I=Illusions



C=Bisoft



V=Spectrum Bifocal



T=Torisoft (-)



+ =Torisoft (+)



Spectrum Toric

Base Curve Codes

3=8.3
6=8.6
9=8.9
2=9.2

WESLEY JESSEN



Freshlook Colors**
Freshlook Lite Tint**



Durasoft 2 Colors**

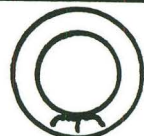


Durasoft 3 Colors**



Durasoft 2 Optifit Toric

Durasoft 3 Optifit Toric



Durasoft 3 Optifit
Toric colors + WJ logo

**View of concave side

OTHERS



Hydrocurve II



Hydrocurve III
Hydrocurve II



CSI Clarity Toric***



Hydrossoft Toric
Hydrossoft Toric XW



Hydron Ultra T



Sunsoft

*****CSI Axis Codes**

Axis	Power	
12=10	32=100	C=-1.00
14=20	34=110	D=-1.75
16=30	36=120	E=-2.50
18=40	38=130	
21=50	41=140	
23=60	43=150	
25=70	45=160	
27=80	47=170	
29=90	49=180	

Note that the above pictorial representations will vary in dimensions from the actual contact lenses.

REFERENCES

TQ (Tyler's Quarterly), Vol. 11 no. 4 September '94.

Representatives and Technical Consultants from:

Bausch and Lomb
Ciba Vision Care
Coopervision
Ocular Science
Pilkington Barnes Hind
Sunsoft Corporation
Vistakon
Wesley-Jessen