# SOLA COMPACT ULTRA - Fact Sheets
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### SOLA COMPACT ULTRA

SOLA

# Product Fact Sheet

| | | |
|---|---|---|
| Substrate | : | **1.67 MR10** |
| Product Name | : | **73mm COMPACT ULTRA PROGRESSIVE** **Cat Code: 610** |
| | : | **SEMI-FINISHED BLANKS** |
| Reference | : | FSD9-5-9_2 |
| Date | : | 8 Jan 2007 Page : 1 of 2 |

**Product Range:**

| Nominal Diameter | Nominal Base Curve (D) | Add Power Range (D) | Rx Range Recommended (D) |
|---|---|---|---|
| 73 mm | 1.00 | 0.75 to 3.50 | -10.00 to -5.25 |
| 73 mm | 3.00 | 0.75 to 3.50 | -5.00 to -0.75 |
| 73 mm | 5.00 | 0.75 to 3.50 | -0.50 to +2.00 |
| 73 mm | 6.00 | 0.75 to 3.50 | +2.25 to +3.50 |
| 73 mm | 7.00 | 0.75 to 3.50 | +3.75 to +6.00 |

**Material & Coating Specifications:**

| | |
|---|---|
| **Type** | **1.67 (MR10)** |
| **Refractive Index** | $\eta_d$ = 1.661 (Helium 'd' line 587.56nm)<br>$\eta_e$ = 1.666 (Mercury 'e' line 546.07nm) |
| **Abbe Number** | $\nu_d$ = 32 $\nu_e$ = 32 |
| **Density** | 1.37 $g.cm^{-3}$ |
| **UV Protection** | 100% UVA and UVB (from 380nm to 280nm as per ISO 8980-3-2003, ANSI Z80-1-2005) |
| **Coating Type** | Ultra-Tough™ |

**Blank Information :**

| Nominal Base Curve (D) | True Curve (1.530) (D) | Radius (mm) | True Curve as a Sag @ 50mm | Back Curve (1.530) | Center Thickness (±1.0mm) | Nominal Edge Thickness | Nominal Packaged Weight (g) (Based on 2.00 add) |
|---|---|---|---|---|---|---|---|
| 1.00 | 1.33 | 398.496 | 0.785 | -6.00 | 9.0 +/- 1mm | 15.5 | 78 |
| 3.00 | 3.08 | 172.078 | 1.826 | -6.00 | 8.7 +/- 1mm | 12.5 | 70 |
| 5.00 | 4.93 | 107.505 | 2.947 | -6.00 | 7.0 +/- 1mm | 9.0 | 56 |
| 6.00 | 5.71 | 92.820 | 3.430 | -6.00 | 8.5 +/- 1mm | 9.0 | 56 |
| 7.00 | 6.72 | 78.869 | 4.067 | -6.00 | 9.0 +/- 1mm | 8.5 | 60 |

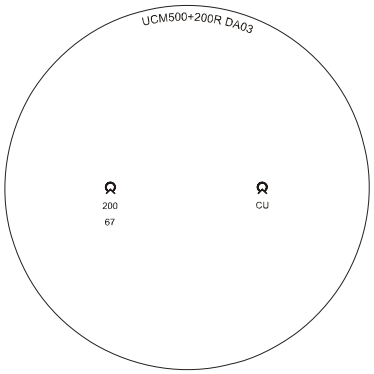
**Surfacing :** Recommended centre & edge thickness for all regions:

| Power Range | Minimum Centre Thickness (mm) | Minimum Edge Thickness (mm) |
|---|---|---|
| -10.00 D to -2.00 D | 1.5 | |
| -1.75 D to +1.25 D | 2.0 or * | 1.0 * |
| +1.50 D to +3.75 D | | 1.0 |
| +4.00 D to +6.00 D | | 0.5 |

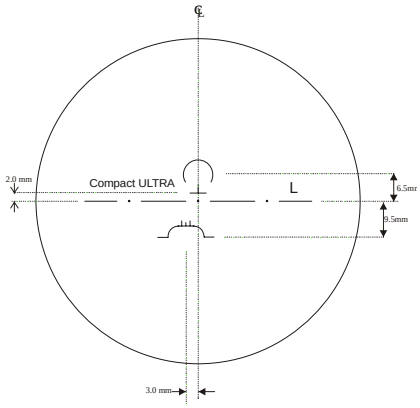
**Thicknesses are based on whichever is the limiting factor.*

## Product Markings :

Front Surface :Semi-Visible Markings

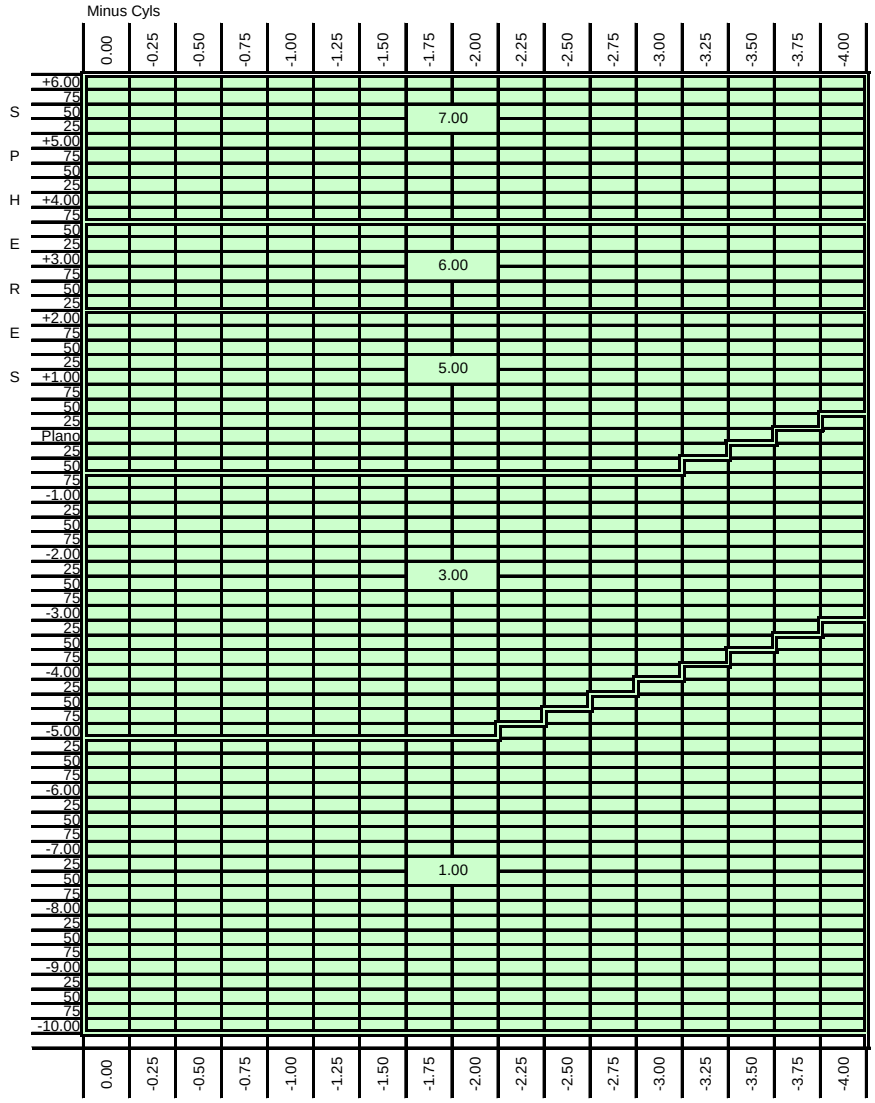



Front Surface : Ink Markings




Back Surface : Coding


## Recommended Range Chart:



# PRODUCT FACT SHEET

| | | | | | |
|---|---|---|---|---|---|
| Substrate | : | **1.67 MR10 PhotoFusion®** | | | |
| Product Name | : | **COMPACT ULTRA PROGRESSIVE** | | | |
| Product type | : | **SEMI-FINISHED BLANKS** | | | |
| Reference | : | 00239.FS3 | | | |
| Date | : | 22 March 2013 | Page | : | 1 of 2 |

**Product Range:**

| | |
|---|---|
| **Product:** | **Grey HC** |
| **CAT Code:** | F45 |
| **LGC:** | L6094 |

| Nominal Diameter (mm) | Nominal Base Curve (D) | Add Power Range (D) | | | Recommended Rx Range (D) | | |
|---|---|---|---|---|---|---|---|
| 73 | 1.00 | 0.75 | to | 3.50 | -10.00 | to | -5.25 |
| 73 | 3.00 | 0.75 | to | 3.50 | -5.00 | to | -0.75 |
| 73 | 5.00 | 0.75 | to | 3.50 | -0.50 | to | +2.00 |
| 73 | 6.00 | 0.75 | to | 3.50 | +2.25 | to | +3.50 |
| 73 | 7.00 | 0.75 | to | 3.50 | +3.75 | to | +6.00 |

**Material & Coating Specifications:**

| | |
|---|---|
| **Type** | **1.67 MR-10™** |
| **Refractive Index** | $n_d$ = 1.661 $n_e$ = 1.666 |
| **Abbe Number** | $\nu_d$ = 32 $\nu_e$ = 32 |
| **Density** | 1.37 $g.cm^{-3}$ |
| **UV Protection (ISO)** | Coated, Activated: 2.0mm Centre Thickness<br>UVA: 100 %, UVB: 100 % |
| **Coating Type** | **Hard Coated** |

**Blank Information:**

| Nominal Base | True Front Curve (D) (1.530) | Radii (mm) | Nominal Back Curve (D) | Centre Thickness (±1.0mm) | Nominal Edge Thickness (mm) |
|---|---|---|---|---|---|
| 1.00 | 1.32 | 401.52 | -6.00 | 9.0 | 15.5 |
| 3.00 | 3.05 | 173.77 | -6.00 | 8.7 | 12.5 |
| 5.00 | 4.89 | 108.38 | -6.00 | 7.0 | 9.0 |
| 6.00 | 5.65 | 93.81 | -6.00 | 8.5 | 9.0 |
| 7.00 | 6.67 | 79.46 | -6.00 | 9.0 | 8.5 |

**Surfacing:**

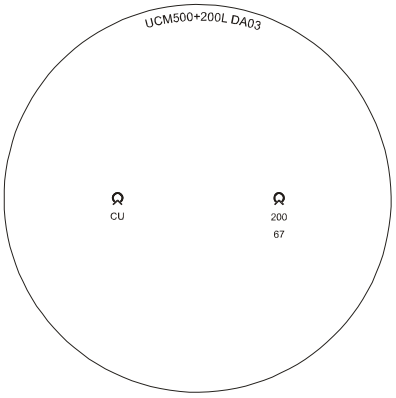
Recommended centre & edge thicknesses for all regions:

| Power Range (D) | Minimum Centre Thickness (mm) | Minimum Edge Thickness (mm) |
|---|---|---|
| -10.00 to -2.00 | 1.5 | |
| -1.75 to +1.25 | 2.0 or * | 1.0 * |
| +1.50 to +3.75 | | 1.0 |
| +4.00 to +6.00 | | 0.5 |

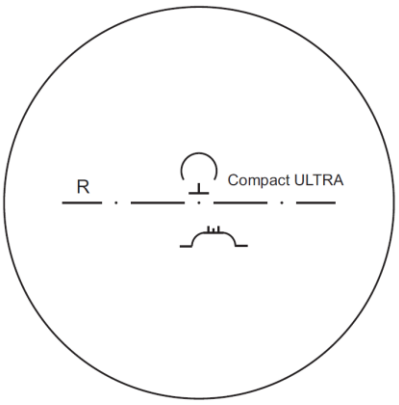
** Thicknesses are based on whichever is the limiting factor*

## Product Markings:

**Front Surface: Top Code & Semi-visible**

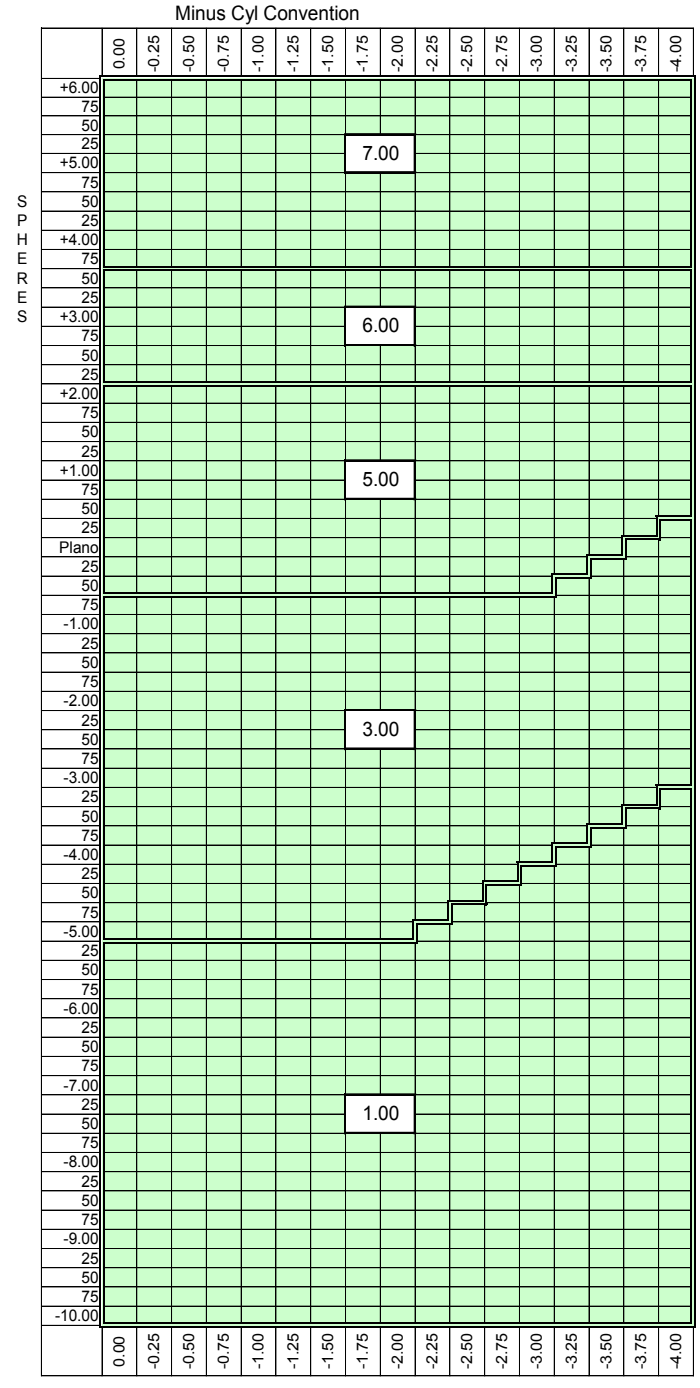



**Ink Markings:**




**Back Surface Coding:**


## Recommended Range Chart:



# PRODUCT FACT SHEET

| | | | | | |
|---|---|---|---|---|---|
| Substrate | : | **1.67 TRANSITIONS® SIGNATURE VII** | | | |
| Product Name | : | **COMPACT ULTRA PROGRESSIVE** | | | |
| Product type | : | **SEMI-FINISHED BLANKS** | | | |
| Reference | : | 00434.FS1 | | | |
| Date | : | 16 December 2013 | Page | : | 1 of 2 |

**Product Range:**

| **Product:** | **Gray HC** |
|---|---|
| **LGC:** | L6433 |
| **Cat Code:** | V46 |

| **Nominal Diameter (mm)** | **Nominal Base Curve (D)** | **Add Power Range (D)** | **Recommended Rx Range (D)** |
|---|---|---|---|
| 73 | 1.00 | 0.75 to 3.50 | -10.00 to -5.25 |
| 73 | 3.00 | 0.75 to 3.50 | -5.00 to -0.75 |
| 78 | 5.00 | 0.75 to 3.50 | -0.50 to +2.00 |
| 73 | 6.00 | 0.75 to 3.50 | +2.25 to +3.50 |
| 73 | 7.00 | 0.75 to 3.50 | +3.75 to +6.00 |

**Material & Coating Specifications:**

| | |
|---|---|
| **Type** | **MR-10®** |
| **Refractive Index** | $n_d$ = 1.661 $n_e$ = 1.666 |
| **Abbe Number** | $\nu_d$ = 32 $\nu_e$ = 32 |
| **Density** | 1.37 $g.cm^{-3}$ |
| **UV Protection (ISO)** | Activated: 2.0mm Centre Thickness.<br>UVA: 100 %, UVB: 100 % |
| **Coating Type** | **Hard Coated** |

**Blank Information:**

| **Nominal Base** | **True Front Curve (D) (1.530)** | **Radii (mm)** | **Nominal Back Curve (D)** | **Centre Thickness (mm) (±1.0)** | **Nominal Edge Thickness at 'A' (mm)** |
|---|---|---|---|---|---|
| 1.00 | 1.33 | 398.50 | -6.00 | **9.0** | 15.5 |
| 3.00 | 3.08 | 172.08 | -6.00 | **8.7** | 12.5 |
| 5.00 | 4.93 | 107.51 | -6.00 | **7.0** | 9.0 |
| 6.00 | 5.71 | 92.82 | -6.00 | **8.5** | 9.0 |
| 7.00 | 6.72 | 78.87 | -6.00 | **9.0** | 8.5 |

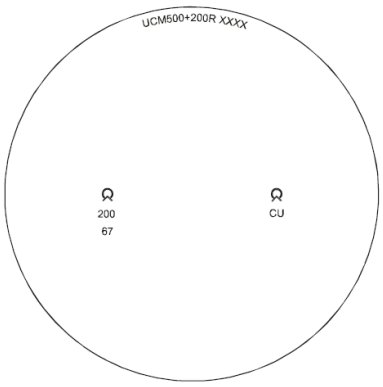
**Surfacing:** Recommended centre & edge thicknesses for all regions:

| Power Range(D) | Minimum Centre Thickness (mm) | Minimum Edge Thickness (mm) |
|---|---|---|
| -10.00 to -2.00 | 1.5 | |
| -1.75 to +1.25 | 2.0 or * | 1.0 * |
| +1.50 to +3.75 | | 1.0 |
| +4.00 to +6.00 | | 0.5 |

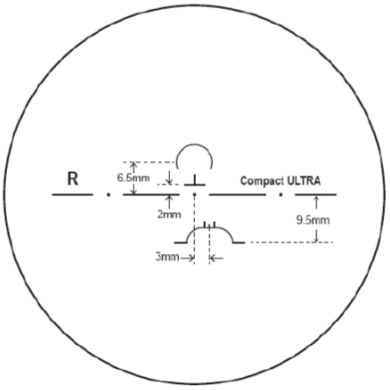
* Thicknesses are based on whichever is the limiting factor.

**Product Markings:**

**Front Surface: Top Code Only**

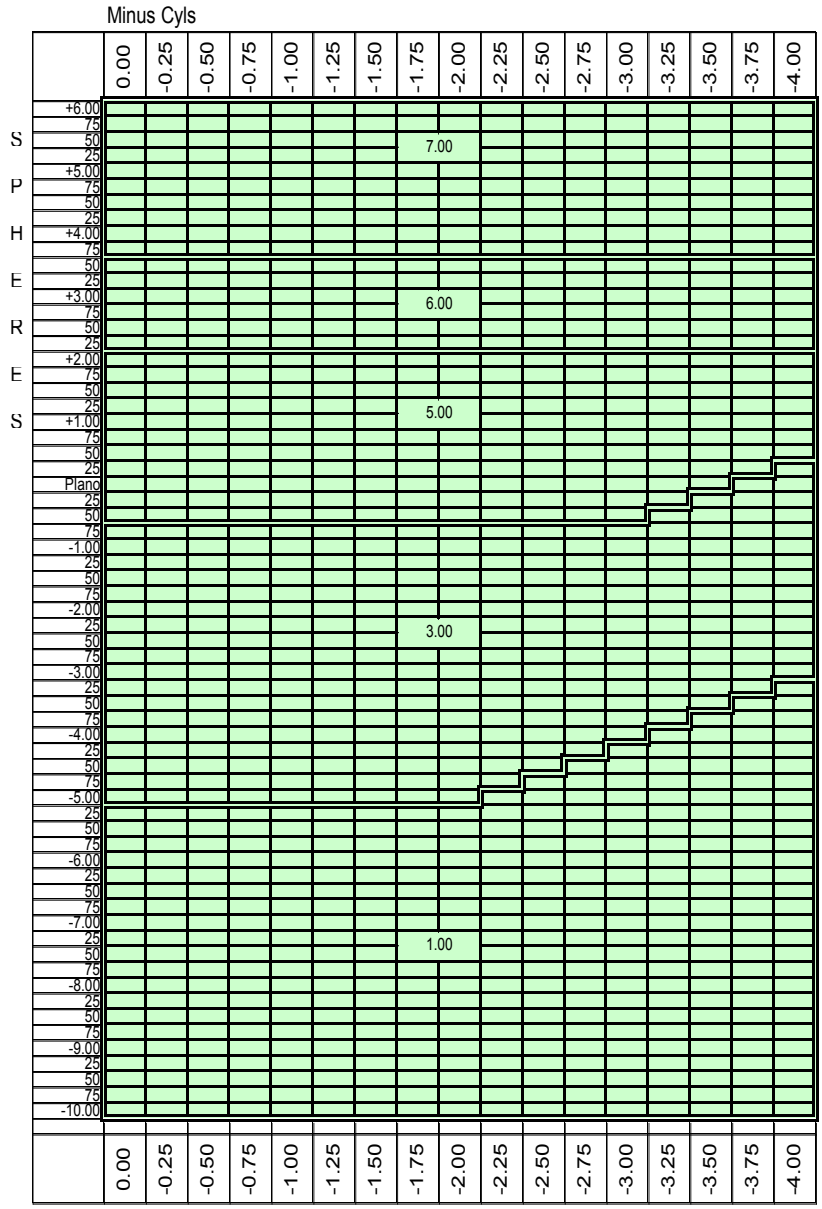



**Ink Markings:**




**Back Surface Coding:**


**Recommended Range Chart:**



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# Product Fact Sheet

| | | |
|---|---|---|
| Substrate | : | **POLYCARBONATE** |
| Product Name | : | **72mm COMPACT ULTRA PROGRESSIVE** **Cat Code: 473** |
| | : | **SEMI-FINISHED BLANKS** |
| Reference | : | FSD6-5-4_1 |
| Date | : | 19 July 2006 Page : 1 of 2 |

**Product Range:**

| Nominal Diameter | Nominal Base Curve (D) | Add Power Range (D) | Rx Range Recommended (D) |
|---|---|---|---|
| 72 mm | 1.50 | 1.00 to 3.00 | -9.00 to -5.25 |
| 72 mm | 3.50 | 1.00 to 3.00 | -5.00 to -0.75 |
| 72 mm | 5.50 | 1.00 to 3.00 | -0.50 to +2.00 |
| 72 mm | 7.50 | 1.00 to 3.00 | +2.25 to +5.00 |

**Material & Coating Specifications:**

| | |
|---|---|
| **Type** | **Polycarbonate** |
| **Refractive Index** | $\eta_d$ = 1.586 $\eta_e$ = 1.590 |
| **Abbe Number** | $\nu_d$ = 30 $\nu_e$ = 29 |
| **Density** | 1.20 $g.cm^{-3}$ |
| **UV Protection (ISO)** | Coated : 1.5 mm Centre Thickness<br>UVA : 100 % UVB : 100 % |
| **Coating Type** | **Ultra-Tough™** |

**Blank Information :**

| Nominal Base Curve (D) | True Curve (1.530) (D) | Radius (mm) | Sag @ 50mm | Back Curve (1.530) | Diameter (mm) | Center Thickness (±1.0mm) | Nominal Edge Thickness |
|---|---|---|---|---|---|---|---|
| 1.50 | 1.62 | 327.160 | 0.957 | -5.75 | 72 | 7.8 | 13.4 |
| 3.50 | 3.55 | 149.296 | 2.108 | -5.75 | 72 | 7.7 | 10.5 |
| 5.50 | 5.32 | 99.624 | 3.188 | -5.75 | 72 | 8.3 | 8.6 |
| 7.50 | 7.43 | 71.332 | 4.524 | -8.00 | 72 | 11.0 | 11.3 |

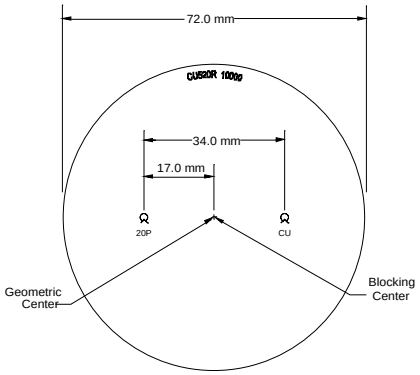
**Surfacing :** Recommended Centre & Edge Thicknesses

| Power Range | Minimum Centre Thickness | Minimum Edge Thickness |
|---|---|---|
| -9.00 to +2.00 D | 1.5 mm or* | 1.0 mm* |
| +2.25 to +5.00 D | | 0.5 mm |

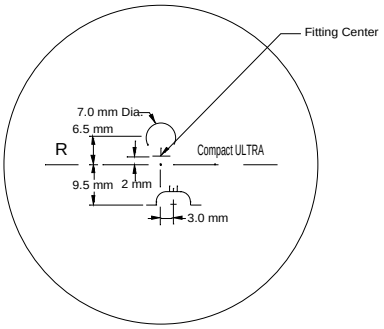
* Thicknesses are based on whichever is the limiting factor.

## Product Markings :

Front Surface :Semi-Visible Markings

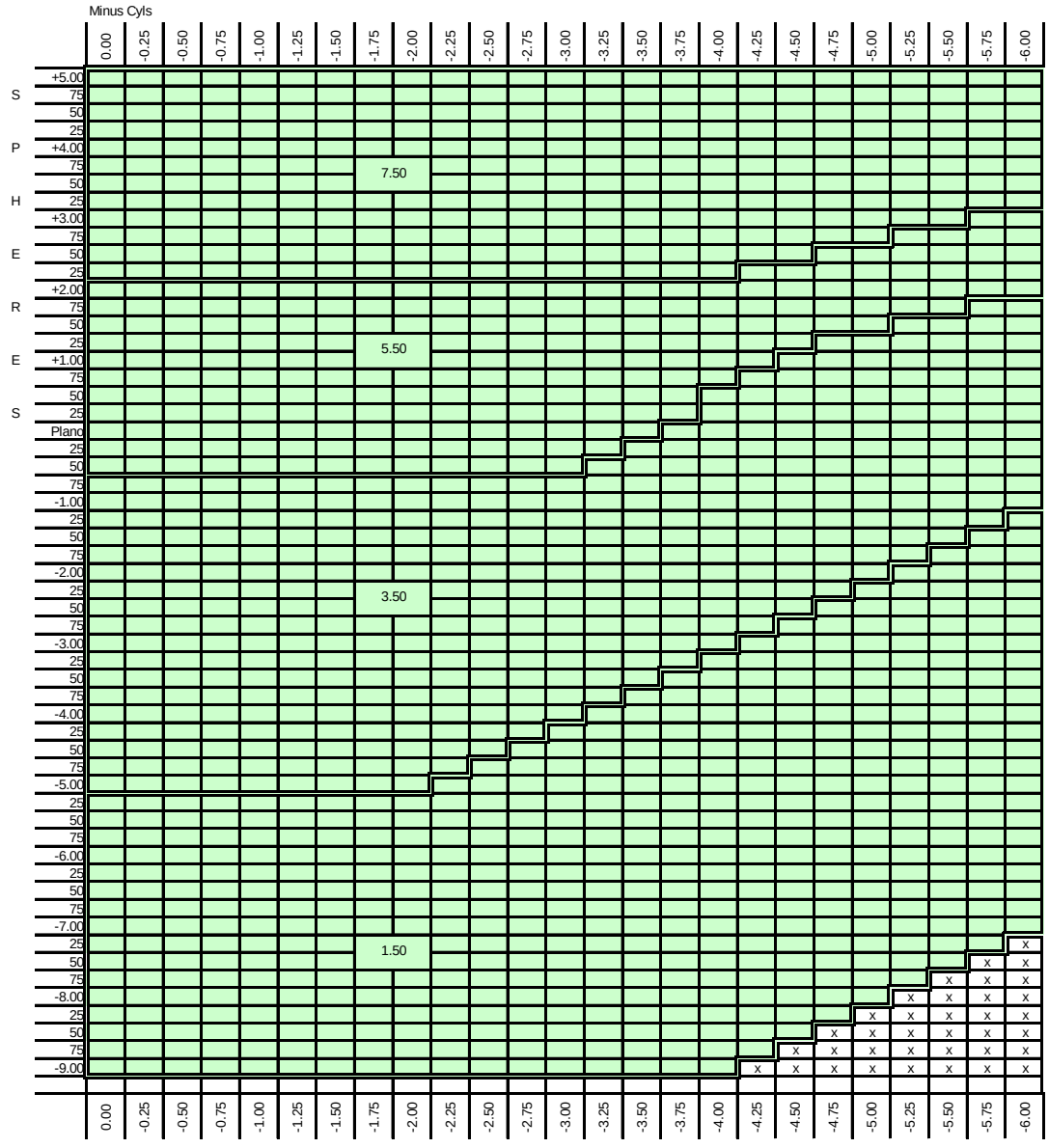



Front Surface : Ink Markings




Back Surface : Coding


## Recommended Range Chart:



# PRODUCT FACT SHEET

| | | |
|---|---|---|
| Substrate | : | **POLYCARBONATE PhotoFusion®** |
| Product Name | : | **COMPACT ULTRA** |
| Product Type | : | **SEMI-FINISHED PROGRESSIVE BLANKS** |
| Reference | : | 00238.FS2 |
| Date | : | 22 March 2012 |



**Product Range:**

| | Brown | Grey |
|---|---|---|
| *CAT Code* | **F44** | **F43** |

| Nominal Diameter | Nominal Base Curve (D) | Add Power Range (D) | Rx Range Recommended (D) |
|---|---|---|---|
| 72 mm | 1.50 | 1.00 to 3.00 | -9.00 to -5.25 |
| 72 mm | 3.50 | 1.00 to 3.00 | -5.00 to -0.75 |
| 72 mm | 5.50 | 1.00 to 3.00 | -0.50 to +2.00 |
| 72 mm | 7.50 | 1.00 to 3.00 | +2.25 to +5.00 |

**Material & Coating Specifications:**

| | |
|---|---|
| **Type** | Polycarbonate |
| **Refractive Index** | $n_d$ = 1.586 (Helium 'd' line 587.56 nm), $n_e$ = 1.590 (Mercury 'e' line 546.07 nm) |
| **Abbe Number** | $\nu_d$ = 30, $\nu_e$ = 29 |
| **Density** | 1.20 $g.cm^{-3}$ |
| **UV Protection (ISO)** | 100% UVA and 100% UVB Coated , Activated : 2.0mm Centre Thickness |
| **Coating** | Hard Coated |

**Blank Information:** (As measured in 1.530 R.I)

| Nominal Base | True Front Curve (D) (1.530) | Radii (mm) | Distance Curve Sag @ 50mm (mm) | Nominal Back Curve (D) | Centre Thickness (mm) | Nominal Edge Thickness at 'A' (mm) |
|---|---|---|---|---|---|---|
| **1.50** | 1.57 | 337.580 | 0.927 | -5.75 | 7.8 | 13.4 |
| **3.50** | 3.57 | 148.459 | 2.120 | -5.75 | 7.7 | 10.5 |
| **5.50** | 5.32 | 99.624 | 3.188 | -5.75 | 8.3 | 8.6 |
| **7.50** | 7.43 | 71.332 | 4.524 | -8.00 | 11.0 | 11.3 |

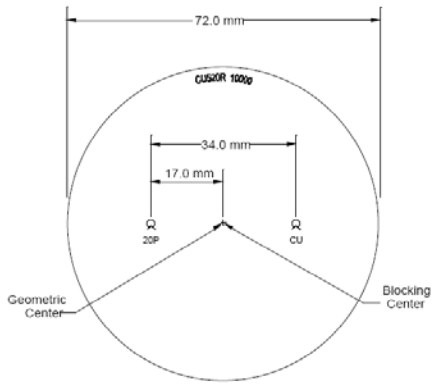
**Surfacing:** Recommended centre & edge thicknesses for all regions:

| Power Range | Minimum Centre Thickness (mm) | Minimum Edge Thickness (mm) |
|---|---|---|
| -9.00 to -2.00 D | 1.5 | |
| -1.75 to +2.00 D | 1.5* | 1.5* |
| +2.25 to +4.00 D | | 1.0 |
| +4.25 to +5.00 D | | 0.5 |

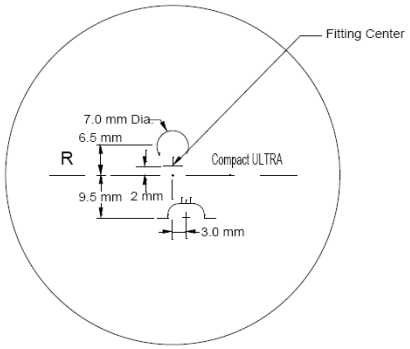
**Thicknesses are based on whichever is the limiting factor.*

**Product Markings:**

Front Surface:
Semi-Visible Markings

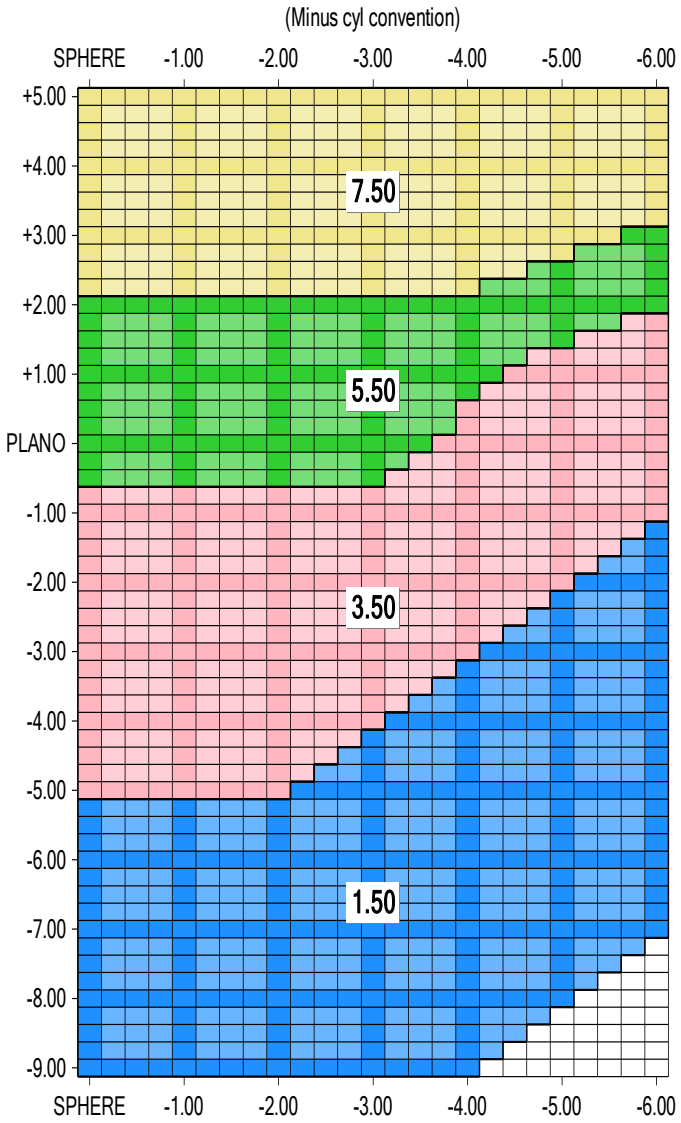



Front Surface: Ink Markings




Back Surface Markings


**Recommended Range Chart:**



# PRODUCT FACT SHEET

| | | | | | |
|---|---|---|---|---|---|
| Substrate | : | **POLYCARBONATE TRANSITIONS® SIGNATURE VII** | | | |
| Product Name | : | **COMPACT ULTRA PROGRESSIVE** | | | |
| Product type | : | **SEMI-FINISHED BLANKS** | | | |
| Reference | : | 00416.FS1 | | | |
| Date | : | 17 December 2013 | Page | : | 1 of 2 |

**Product Range:**

| Product: | Gray HC | Brown HC |
|---|---|---|
| LGC: | L6424 | L6428 |
| Cat Code: | V48 | V47 |

| Nominal Diameter (mm) | Nominal Base Curve (D) | Add Power Range (D) | Recommended Rx Range (D) |
|---|---|---|---|
| 72 | 1.50 | 1.00 to 3.00 | -9.00 to -5.25 |
| 72 | 3.50 | 1.00 to 3.00 | -5.00 to -0.75 |
| 72 | 5.50 | 1.00 to 3.00 | -0.50 to +2.00 |
| 72 | 7.50 | 1.00 to 3.00 | +2.25 to +5.00 |

**Material & Coating Specifications:**

| | |
|---|---|
| **Type** | **Polycarbonate** |
| **Refractive Index** | $n_d$ = 1.586 $n_e$ = 1.590 |
| **Abbe Number** | $\nu_d$ = 30 $\nu_e$ = 29 |
| **Density** | 1.20 $g.cm^{-3}$ |
| **UV Protection (ISO)** | UVA: 100% UVB: 100% |
| **Coating Type** | **Hard Coated** |

**Blank Information:**

| Nominal Base | True Front Curve (D) (1.530) | Radii (mm) | Nominal Back Curve (D) | Centre Thickness (mm) | Nominal Edge Thickness at 'A' (mm) |
|---|---|---|---|---|---|
| **1.50** | 1.57 | 337.580 | -5.75 | 7.8 | 13.4 |
| **3.50** | 3.57 | 148.459 | -5.75 | 7.7 | 10.5 |
| **5.50** | 5.32 | 99.624 | -5.75 | 8.3 | 8.6 |
| **7.50** | 7.43 | 71.332 | -8.00 | 11.0 | 11.3 |

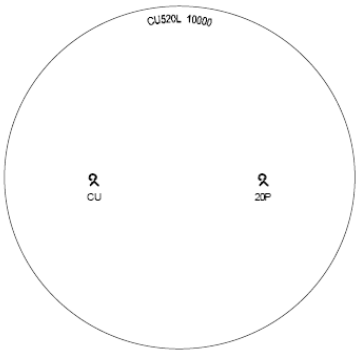
**Surfacing:** Recommended centre & edge thicknesses for all regions:

| Power Range (D) | Minimum Centre Thickness (mm) | Minimum Edge Thickness (mm) |
|---|---|---|
| -9.00 to -2.00 | 1.5 | |
| -1.75 to +2.00 | 2.0 or * | 1.0 * |
| +2.25 to +4.00 | | 1.0 |
| +4.25 to +5.00 | | 0.5 |

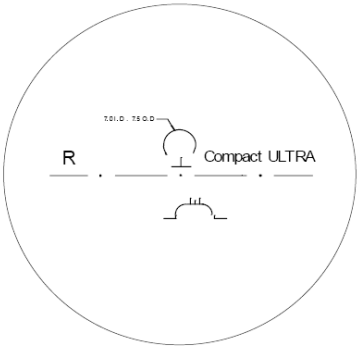
* Thicknesses are based on whichever is the limiting factor.

**Product Markings:**

**Front Surface: Top Code Only**



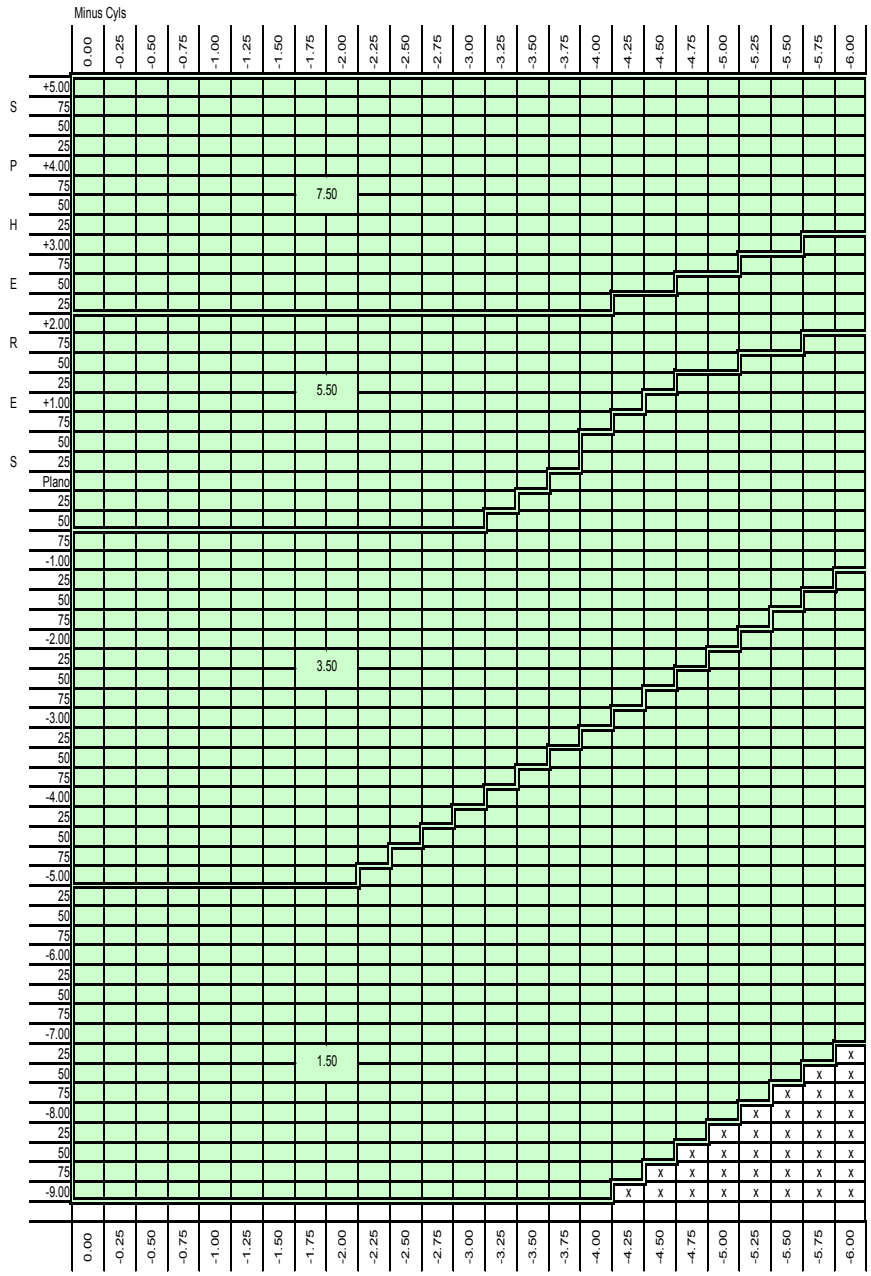

**Ink Markings:**




**Back Surface Coding:**

No Cast on Code

**Recommended Range Chart:**



SOLA

# Product Fact Sheet

| | | |
|---|---|---|
| Substrate | : | **HARD RESIN** |
| Product Name | : | **72mm COMPACT ULTRA PROGRESSIVE** |
| | : | **SEMI-FINISHED BLANKS** **Cat Codes: HC-558 Unc-474** |
| Reference | : | FSD9-5-8_1 |
| Date | : | 19 July 2006 Page : 1 of 2 |

**Product Range:**

| Nominal Diameter | Nominal Base Curve (D) | Add Power Range (D) | Rx Range Recommended (D) |
|---|---|---|---|
| 72 mm | 1.50 | 0.75 to 3.50 | -9.00 to -5.25 |
| 72 mm | 3.50 | 0.75 to 3.50 | -5.00 to -0.75 |
| 72 mm | 5.50 | 0.75 to 3.50 | -0.50 to +2.00 |
| 72 mm | 7.50 | 0.75 to 3.50 | +2.25 to +5.00 |

**Material & Coating Specifications:**

| | | |
|---|---|---|
| **Type** | **CR39** | |
| **Refractive Index** | $\eta_d$ = 1.499 | $\eta_e$ = 1.500 |
| **Abbe Number** | $\nu_d$ = 58 | $\nu_e$ = 56 |
| **Density** | 1.32 $g.cm^{-3}$ | |
| **UV Protection (ISO)** | 2.0 mm Centre Thickness<br>UVA : 91 % UVB : 100 % | |
| **Coating Type** | **Ultra-Tough™** | **(Uncoated also available)** |

**Blank Information :**

| Nominal Base Curve (D) | True Curve (1.530) (D) | Radius (mm) | Sag @ 50mm | Back Curve (1.530) | Diameter (mm) | Center Thickness (±1.0mm) | Nominal Edge Thickness |
|---|---|---|---|---|---|---|---|
| 1.50 | 1.59 | 333.333 | 0.939 | -3.00 | 72 | 12.5 | 14.0 |
| 3.50 | 3.46 | 153.179 | 2.054 | -6.00 | 72 | 10.5 | 13.0 |
| 5.50 | 5.34 | 99.251 | 3.200 | -6.00 | 72 | 10.3 | 10.5 |
| 7.50 | 7.41 | 71.525 | 4.511 | -6.00 | 72 | 14.5 | 11.5 |

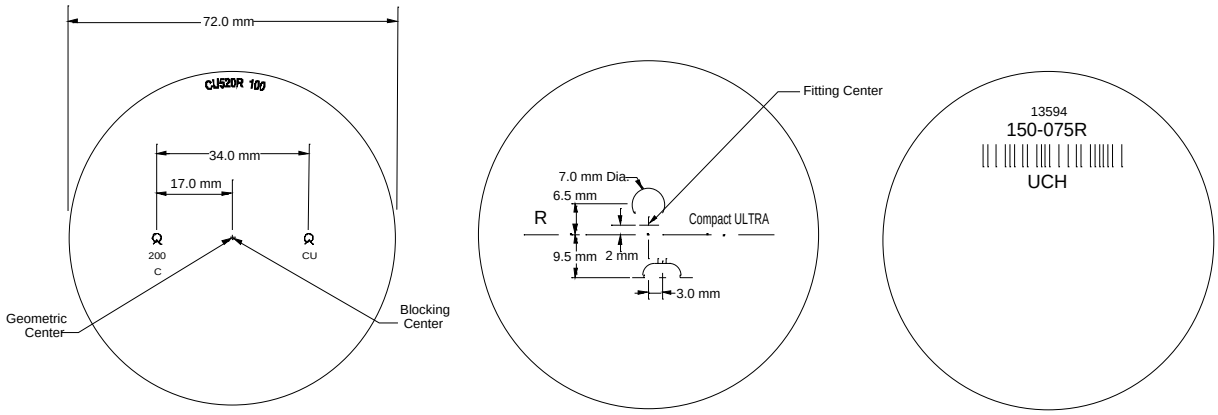
**Surfacing :** Recommended Centre & Edge Thicknesses

| Power Range | USA Market Minimum Centre Thickness (mm) | Int'l Market Minimum Centre Thickness (mm) | All Markets Minimum Edge Thickness (mm) |
|---|---|---|---|
| -9.00 to -2.00 D | 2.0 | 1.5 | |
| -1.75 to +2.00 D | 2.0 or * | 2.0 or * | 1.0 * |
| +2.25 to +4.00 D | | | 1.0 |
| +4.25 to +5.00 D | | | 0.5 |

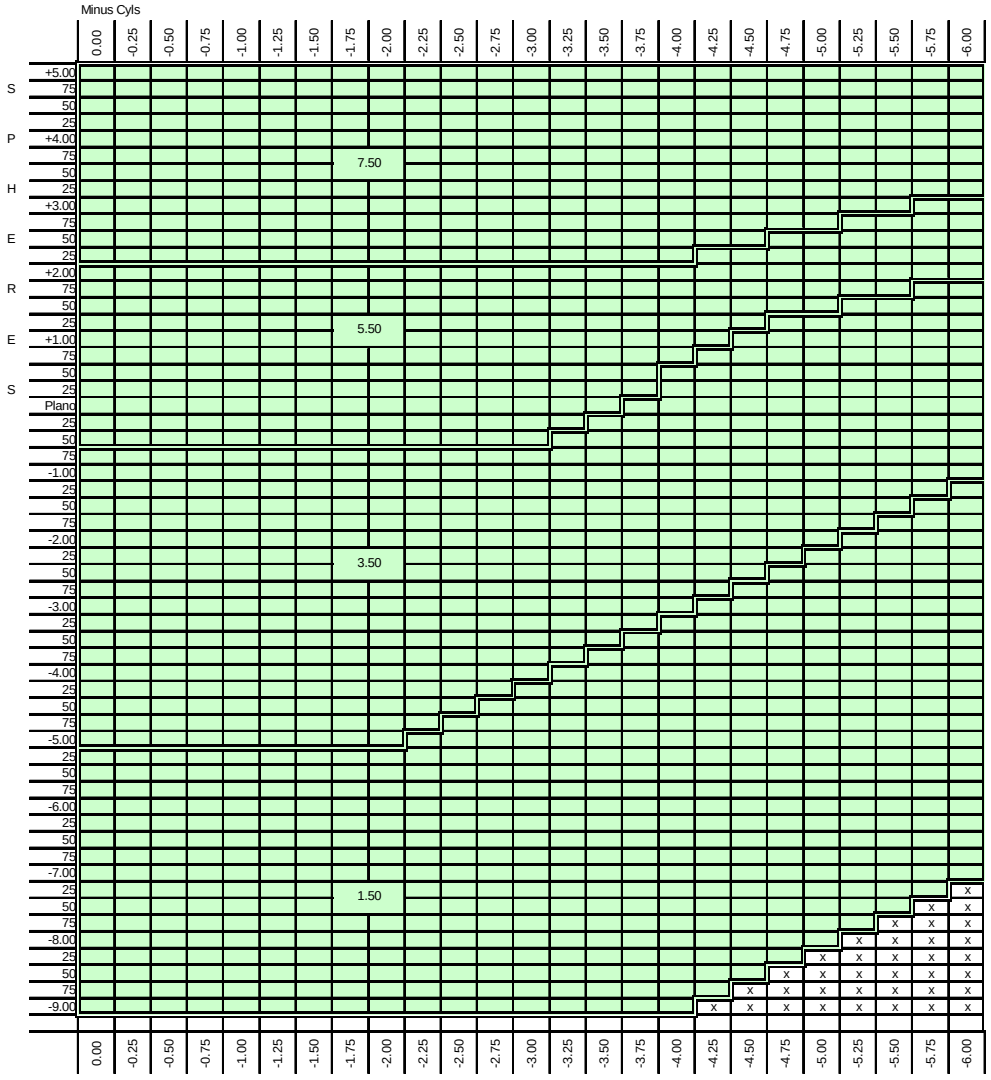
* Thicknesses are based on whichever is the limiting factor.

## Product Markings :

Front Surface :Semi-Visible Markings | Front Surface : Ink Markings | Back Surface : Coding




## Recommended Range Chart:



# PRODUCT FACT SHEET



| | | |
|---|---|---|
| Substrate | : | **1.50 PhotoFusion®** |
| Product Name | : | **COMPACT ULTRA** |
| Product Type | : | **SEMI-FINISHED PROGRESSIVE BLANKS** |
| Reference | : | 00220.FS1 |
| Date | : | 21 Mar 2012 |



**Product Range:**

| | Grey | Brown |
|---|---|---|
| *CAT Code* | **F41** | **F42** |

| Nominal Diameter (mm) | Nominal Base Curve (D) | Add Power Range (D) | Recommended Rx Range (D) |
|---|---|---|---|
| 72 | 1.50 | 0.75 to 3.50 | -9.00 to -5.25 |
| 72 | 3.50 | 0.75 to 3.50 | -5.00 to -0.75 |
| 72 | 5.50 | 0.75 to 3.50 | -0.50 to +2.00 |
| 72 | 7.50 | 0.75 to 3.50 | +2.25 to +5.00 |

**Material & Coating Specifications:**

| | |
|---|---|
| **Type** | **1.5 PhotoFusion** |
| **Refractive Index** | $n_d$ = 1.502 (Helium 'd' line 587.56nm)<br>$n_e$ = 1.504 (Mercury 'e' line 546.07nm) |
| **Abbe Number** | $\nu_d$ = 54, $\nu_e$ = 52 |
| **Density** | 1.18 $g.cm^{-3}$ |
| **Luminous Transmittance (clear state)** | ≥ 87% |
| **UV Protection (ISO)** | Coated , Activated : 2.0mm Centre Thickness :<br>UVA : 100% UVB : 100% |
| **Coating Type** | **Hardcoated** |

**Blank Information:** (As measured in 1.530 R.I)

| Nominal Base Curve (D) | True Front Curve (D) (1.530) | Radius (mm) | Nominal Back Curve (1.530) | Centre Thickness (±1.0mm) | Nominal Edge Thickness at 'A' (mm) |
|---|---|---|---|---|---|
| 1.50 | 1.61 | 329.19 | -3.00 | **12.5** | 14.0 |
| 3.50 | 3.50 | 151.43 | -6.00 | **10.5** | 13.0 |
| 5.50 | 5.34 | 99.25 | -6.00 | **10.3** | 10.5 |
| 7.50 | 7.42 | 71.43 | -6.00 | **14.5** | 11.5 |

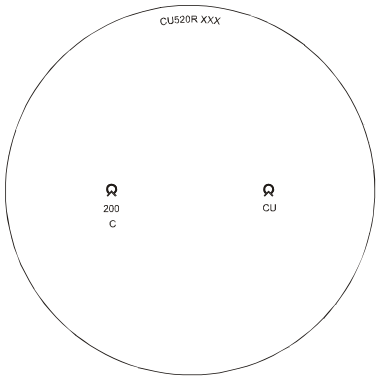
**Surfacing:** Recommended centre & edge thicknesses for all regions:

| Power Range (D) | USA Market Minimum Centre Thickness (mm) | Int'l Market Minimum Centre Thickness (mm) | All Markets Minimum Edge Thickness (mm) |
|---|---|---|---|
| -9.00 to -2.00 | 2.0 | 1.5 | |
| -1.75 to +2.00 | 2.0 or * | 2.0 or * | 1.0 * |
| +2.25 to +4.00 | | | 1.0 |
| +4.25 to +5.00 | | | 0.5 |

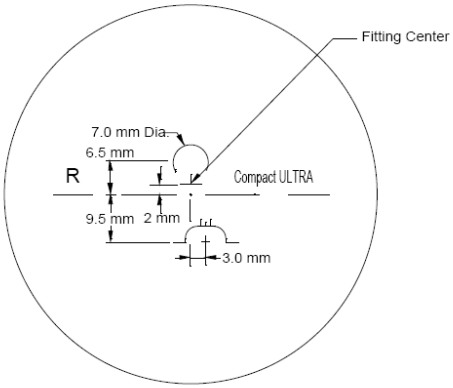
**Thicknesses are based on whichever is the limiting factor.*

**Product Markings:**

Front Surface:
Semi-Visible Markings

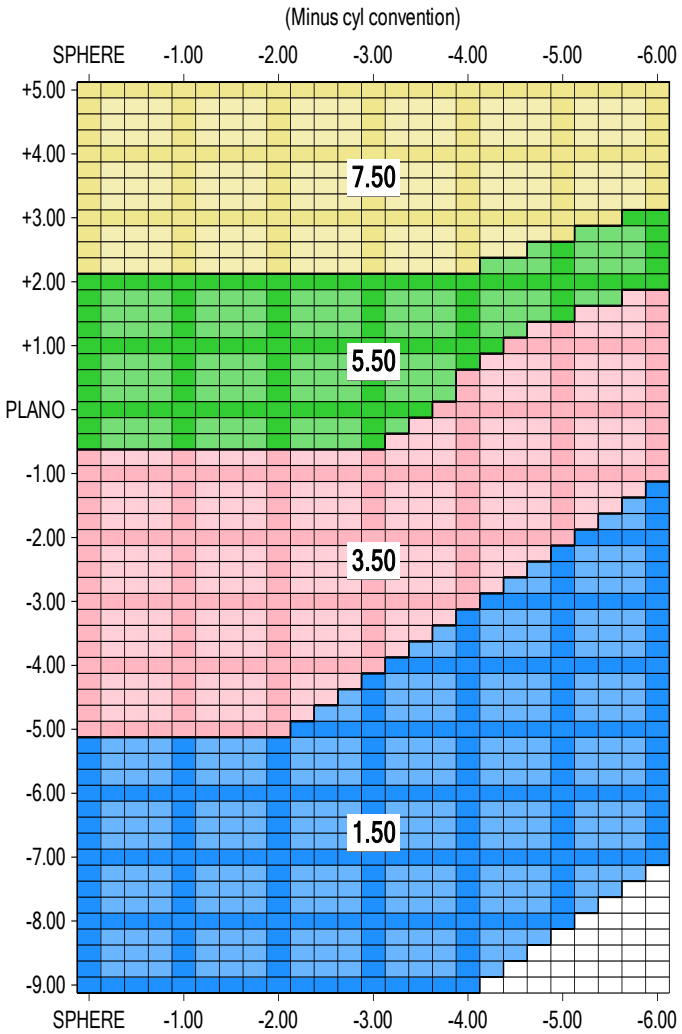



Front Surface: Ink Markings




Back Surface Markings


**Recommended Range Chart:**



# PRODUCT FACT SHEET

| | | | | | |
|---|---|---|---|---|---|
| Substrate | : | **1.5 TRANSITIONS® SIGNATURE VII** | | | |
| Product Name | : | **COMPACT ULTRA PROGRESSIVE** | | | |
| Product type | : | **SEMI-FINISHED BLANKS** | | | |
| Reference | : | 00362.FS2 | | | |
| Date | : | 27 November 2013 | Page | : | 1 of 2 |

**Product Range:**

| Product: | Brown HC | Gray HC |
|---|---|---|
| LGC: | L6390 | L6389 |
| Cat Code: | V44 | V45 |

| Nominal Diameter (mm) | Nominal Base Curve (D) | Add Power Range (D) | Recommended Rx Range (D) |
|---|---|---|---|
| 72 | 1.50 | 0.75 to 3.50 | -9.00 to -5.25 |
| 72 | 3.50 | 0.75 to 3.50 | -5.00 to -0.75 |
| 72 | 5.50 | 0.75 to 3.50 | -0.50 to +2.00 |
| 72 | 7.50 | 0.75 to 3.50 | +2.25 to +5.00 |

**Material & Coating Specifications:**

| | |
|---|---|
| **Type** | **CR-607®** |
| **Refractive Index** | $n_d$ = 1.497 $n_e$ = 1.499 |
| **Abbe Number** | $\nu_d$ = 61 $\nu_e$ = 57 |
| **Density** | 1.27 $g.cm^{-3}$ |
| **UV Protection (ISO)** | Activated: 2.0mm Centre Thickness.<br>UVA: 100 %, UVB: 100 % |
| **Coating Type** | **Hard Coated** |

**Blank Information:**

| Nominal Base | True Front Curve (D) (1.530) | Radii (mm) | Nominal Back Curve (D) | Centre Thickness (±1.0mm) | Nominal Edge Thickness (mm) |
|---|---|---|---|---|---|
| 1.50 | 1.61 | 329.19 | -3.00 | 12.5 | 14.0 |
| 3.50 | 3.50 | 151.43 | -6.00 | 10.5 | 13.0 |
| 5.50 | 5.34 | 99.25 | -6.00 | 10.3 | 10.5 |
| 7.50 | 7.42 | 71.43 | -6.00 | 14.5 | 11.5 |

**For External Distribution**

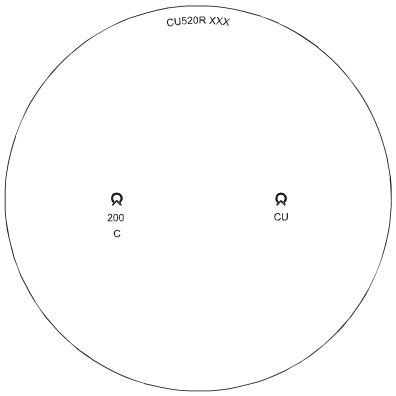
**Surfacing:** Recommended centre & edge thicknesses for all regions:

| Power Range (D) | USA Market Minimum Centre Thickness | Int'l Market Minimum Centre Thickness (mm) | All Markets Minimum Edge Thickness (mm) |
|---|---|---|---|
| -9.00 to -2.00 | 2.0 | 1.5 | |
| -1.75 to +2.00 | 2.0 or * | 2.0 or * | 1.0 * |
| +2.25 to +4.00 | | | 1.0 |
| +4.25 to +5.00 | | | 0.5 |

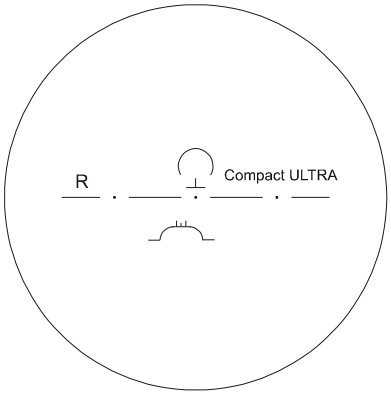
** Thicknesses are based on whichever is the limiting factor*

**Product Markings:**

**Front Surface: Top Code & Semi-visible**




**Ink Markings:**




**Back Surface Coding:**


**Recommended Range Chart:**