

## **synchrony EASY S (Compact Ultra) - Fact Sheets Table of Contents**

### **EASY S (Compact Ultra)**

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# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 HC
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## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
N91	L6741	SYNC SF P EAS S (ULT) 167 HC -B-	Country of Origin required on Label	US FDA disclaimer Required

## 2. Product Range:

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

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.67 MR7</b>
<b>Refractive Index</b>	$n_d = 1.659$ $n_e = 1.664$
<b>Abbe Number</b>	$v_d = 32$ $v_e = 32$
<b>Density</b>	1.35 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	UVA : 100 %, UVB : 100 % 2.0 mm Centre Thickness
<b>Coating Type</b>	<b>Hard Coated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness (mm) ( $\pm 1.0$ )	Nominal Edge Thickness at 'A' (mm)
1.00	1.35	392.59	-6.00	<b>9.0</b>	15.5
3.00	3.07	172.64	-6.00	<b>8.7</b>	12.5
5.00	4.93	107.51	-6.00	<b>7.0</b>	9.0
6.00	5.69	93.15	-6.00	<b>8.5</b>	9.0
7.00	6.68	79.34	-6.00	<b>9.0</b>	8.5

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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 HC
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5. **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)
High Minus to -2.00	1.5	1.2	
-1.75 to +2.00	2.0 or *	2.0 or *	1.3 *
+2.25 to High Pus			1.3

\* Thicknesses are based on whichever is the limiting factor

6. **Product Markings:**

<b>Ink Markings:</b>	
<p>Right Eye</p>	<p>Left Eye</p>
<b>Front Surface: Coding</b>	<b>Back Surface: Coding</b>

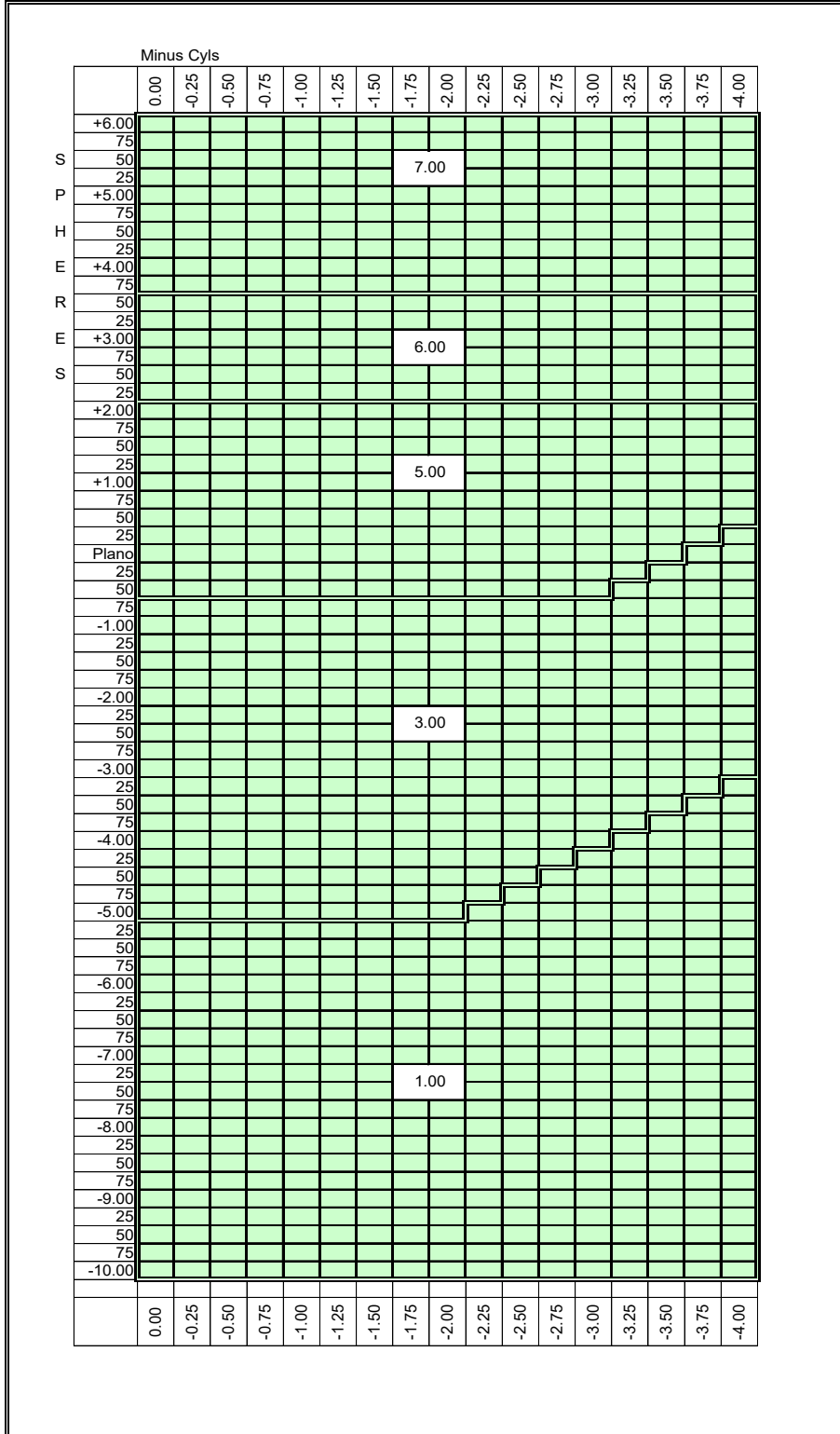
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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 HC
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## 7. Product Range (Minus Cylinder):



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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 Photochromic
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## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
N92	L6742	SYNC SF P EAS S (ULT) 167 PH GRY AB-	Country of Origin required on Label	US FDA disclaimer Required

## 2. Product Range:

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

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.67 MR7</b>
<b>Refractive Index</b>	$n_d = 1.659$ $n_e = 1.664$
<b>Abbe Number</b>	$v_d = 32$ $v_e = 32$
<b>Density</b>	1.35 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	UVA : 100 %, UVB : 100 % 2.0 mm Centre Thickness
<b>Coating Type</b>	<b>Hard Coated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness (mm) ( $\pm 1.0$ )	Nominal Edge Thickness at 'A' (mm)
1.00	1.26	420.64	-6.00	<b>9.0</b>	15.5
3.00	2.97	178.45	-6.00	<b>8.7</b>	12.5
5.00	4.83	109.73	-6.00	<b>7.0</b>	9.0
6.00	5.61	94.47	-6.00	<b>8.5</b>	9.0
7.00	6.60	80.30	-6.00	<b>9.0</b>	8.5

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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 Photochromic
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**5. 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)
High Minus to -2.00	1.5	1.2	
-1.75 to +2.00	2.0 or *	2.0 or *	1.3 *
+2.25 to High Pus			1.3

\* Thicknesses are based on whichever is the limiting factor

**6. Product Markings:**

<b>Ink Markings:</b>	
<p>Right Eye</p>	<p>Left Eye</p>
<b>Front Surface: Coding</b>	<b>Back Surface: Coding</b>

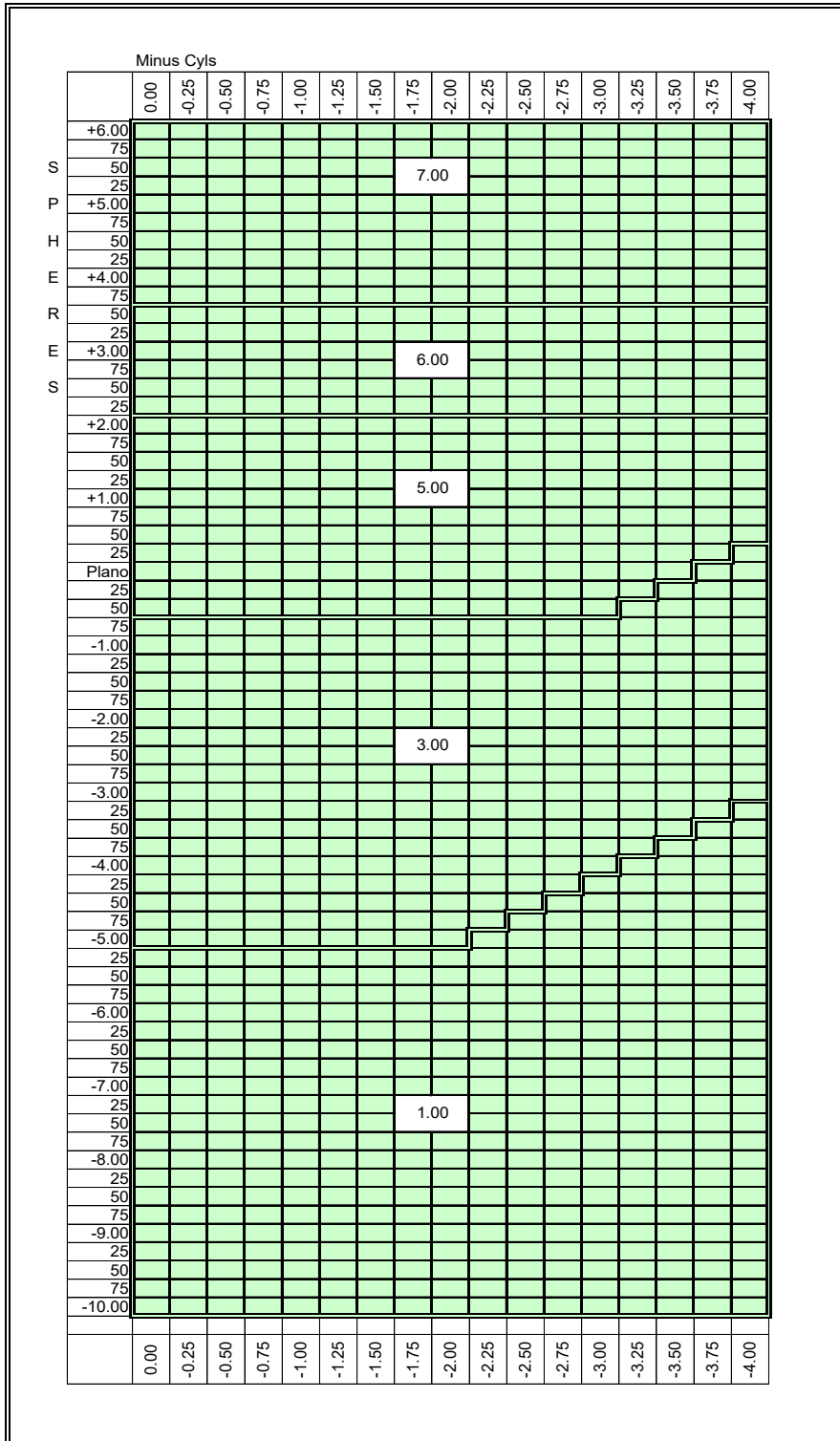
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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 Photochromic
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## 7. Product Range (Minus Cylinder):



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# PRODUCT FACT SHEET



<b>Product Name</b>	synchrology Semi-Finished Progressive Easy S (Compact Ultra) 1.59
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## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
473	L2262	SYNC SF P EAS S (ULT) 159 HC ---	Country of Origin required on Label	US FDA disclaimer Required

## 2. Product Range:

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

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.59 Polycarbonate</b>
<b>Refractive Index</b>	$n_d = 1.586$ $n_e = 1.590$
<b>Abbe Number</b>	$v_d = 30$ $v_e = 29$
<b>Density</b>	1.20 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	UVA : 100 %,    UVB : 100 %
<b>Coating Type</b>	<b>Hard Coated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness (± 1.0mm)	Nominal Edge Thickness at 'A' (mm)
1.50	1.62	327.160	-5.75	7.8	13.4
3.50	3.55	149.296	-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

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# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59
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**5. 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)
High Minus to -2.00	2.0	2.0	
-1.75 to +2.00	2.0 or *	2.0 or *	1.5 *
+2.25 to High Pus			1.5

\* Thicknesses are based on whichever is the limiting factor

**6. Product Markings:**

<b>Ink Markings:</b>	
<p>Right Eye</p>	<p>Left Eye</p>
<b>Back Surface: Coding</b>	<b>Front Surface: Coding</b>
	<p>Left Eye</p>

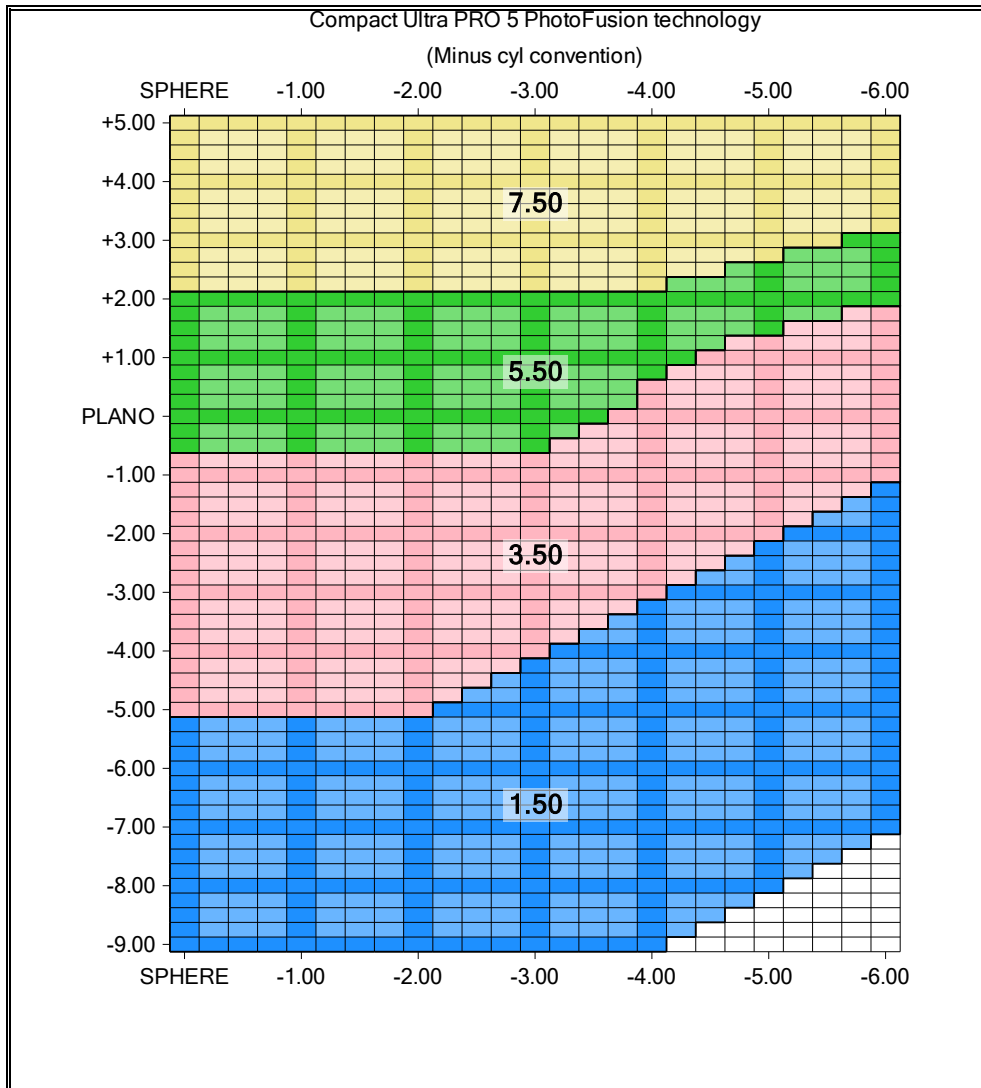
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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59
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## 7. Product Range (Minus Cylinder):



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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59 Photochromic
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## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
F43	L6092	SYNC SF P EAS S (ULT) 159 PH GRY HC ---	Country of Origin required on Label	US FDA disclaimer Required
F44	L6093	SYNC SF P EAS S (ULT) 159 PH BRN HC ---		

## 2. Product Range:

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

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.59 Polycarbonate</b>
<b>Refractive Index</b>	$n_d = 1.586$ $n_e = 1.590$
<b>Abbe Number</b>	$v_d = 30$ $v_e = 29$
<b>Density</b>	1.20 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	UVA : 100 %,      UVB : 100 %
<b>Coating Type</b>	<b>Hard Coated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness (mm) ( $\pm 1.0$ )	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

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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59 Photochromic
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**5. 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)
High Minus to -2.00	2.0	2.0	
-1.75 to +2.00	2.0 or *	2.0 or *	1.5 *
+2.25 to High Pus			1.5

\* Thicknesses are based on whichever is the limiting factor

**6. Product Markings:**

<b>Ink Markings:</b>	
<p>Right Eye</p>	<p>Left Eye</p>
<b>Back Surface: Coding</b>	<b>Front Surface: Coding</b>
	<p>Left Eye</p>

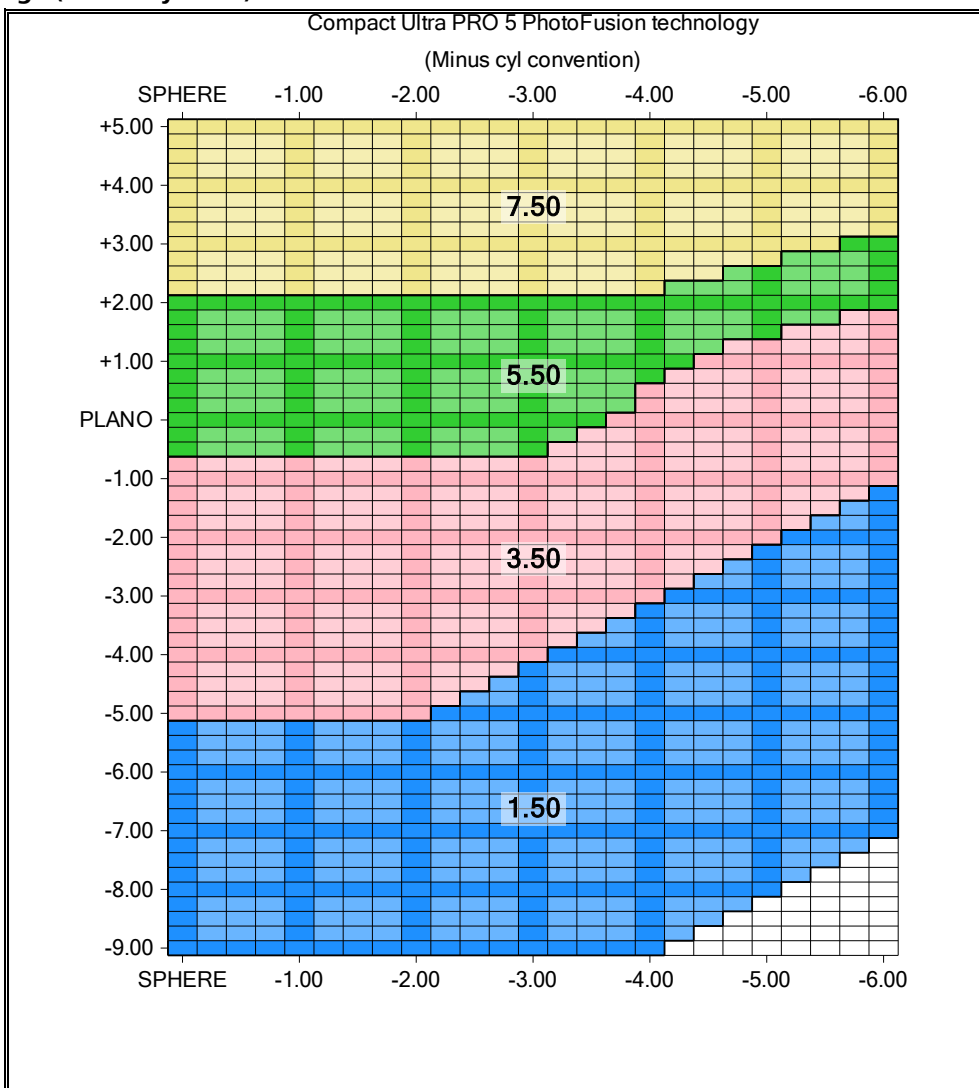
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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59 Photochromic
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## 7. Product Range (Minus Cylinder):



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# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.5
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## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
558	L2274	SYNC SF P EAS S (ULT) 15 HC ---	Country of Origin required on Label	Yes, US FDA disclaimer Required
474	L2249	SYNC SF P EAS S (ULT) 15 UNC ---		

## 2. Product Range:

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Rx Range Recommended (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

## 3. Material & Coating Specifications:

Type	1.5 Polymer
Refractive Index	$n_d = 1.499$ $n_e = 1.500$
Abbe Number	$v_d = 58$ $v_e = 56$
Density	1.32 g/cm <sup>3</sup>
UV Protection (ISO)	UVA : 94 %,      UVB : 100 %
Coating Type	Hard Coated & Uncoated

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ( $\pm 1.0$ mm)	Nominal Edge Thickness at 'A' (mm)
1.50	1.59	333.333	-3.00	<b>12.5</b>	14.0
3.50	3.46	153.179	-6.00	<b>10.5</b>	13.0
5.50	5.34	99.251	-6.00	<b>10.3</b>	10.5
7.50	7.41	71.525	-6.00	<b>14.5</b>	11.5

## 5. 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)
High Minus to -2.00	2.0	2.0	
-1.75 to +2.00	2.0 or *	2.0 or *	1.5 *
+2.25 to High Pus			1.5

\* Thicknesses are based on whichever is the limiting factor

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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.5
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## 6. Product Markings:

Product Markings:	Recommended Range Chart:
<p>Front Surface: Semi-Visible Markings</p>	<p>Compact PRO 5 PhotoFusion technology (Minus cyl convention)</p>
<p>Front Surface: Ink Markings</p>	
<p>Back Surface Markings</p>	

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# PRODUCT FACT SHEET



<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.5 Photochromic
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## 1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
Y64	L6794	SYNC SF P EAS S (ULT) 15 PH GRY HC A--	Country of Origin required on Label	Yes, US FDA disclaimer Required
Y75	L6806	SYNC SF P EAS S (ULT) 15 PH BRN HC A--		

## 2. Product Range:

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Rx Range Recommended (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

## 3. Material & Coating Specifications:

<b>Type</b>	<b>1.5 Polymer</b>
<b>Refractive Index</b>	$n_d = 1.499$ $n_e = 1.500$
<b>Abbe Number</b>	$v_d = 58$ $v_e = 56$
<b>Density</b>	1.32 g/cm <sup>3</sup>
<b>UV Protection (ISO)</b>	Coated, Activated, 2.0mm Centre Thickness: UVA : 100 %, UVB : 100 %
<b>Coating Type</b>	<b>Hard Coated</b>

## 4. Lens Geometry:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ( $\pm 1.0$ mm)	Nominal Edge Thickness at 'A' (mm)
1.50	1.61	329.19	-3.00	<b>12.5</b>	14.0
3.50	3.50	151.43	-6.00	<b>10.5</b>	13.0
5.50	5.39	98.33	-6.00	<b>10.3</b>	10.5
7.50	7.46	71.05	-6.00	<b>14.5</b>	11.5

## 5. 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)
High Minus to -2.00	2.0	2.0	
-1.75 to +2.00	2.0 or *	2.0 or *	1.5 *
+2.25 to High Pus			1.5

\* Thicknesses are based on whichever is the limiting factor

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<b>Product Name</b>	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.5 Photochromic
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## 6. Product Markings:

Product Markings:	Recommended Range Chart:
<p>Front Surface: Semi-Visible Markings</p>	<p>Compact PRO 5 PhotoFusion technology (Minus cyl convention)</p>
<p>Front Surface: Ink Markings</p>	
<p>Back Surface Markings</p>	

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