synchrony

synchrony EASY S (Compact Ultra) - Fact Sheets
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EASY S (Compact Ultra)

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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 HC

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:

Type	***1.67 MR7***
Refractive Index	n_d = 1.659 n_e = 1.664
Abbe Number	ν_d = 32 ν_e = 32
Density	1.35 g/cm^3
UV Protection (ISO)	UVA : 100 %, UVB : 100 % 2.0 mm Centre Thickness
Coating Type	**Hard Coated**

4. Lens Geometry:

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	1.35	392.59	-6.00	**9.0**	15.5
3.00	3.07	172.64	-6.00	**8.7**	12.5
5.00	4.93	107.51	-6.00	**7.0**	9.0
6.00	5.69	93.15	-6.00	**8.5**	9.0
7.00	6.68	79.34	-6.00	**9.0**	8.5

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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 HC

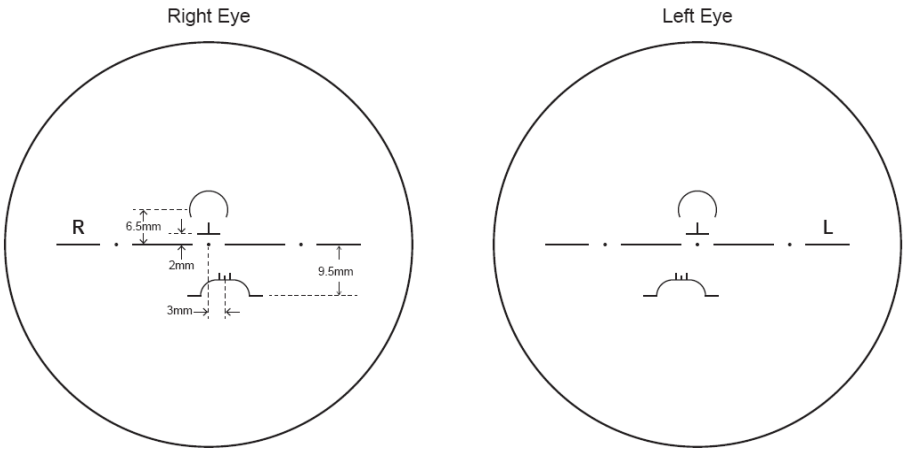
5. Surfacing: Recommended centre & edge thicknesses for all regions:

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:

Ink Markings:



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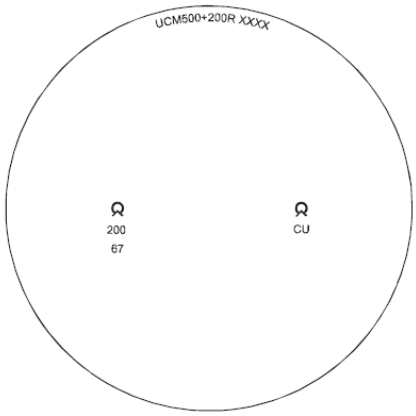

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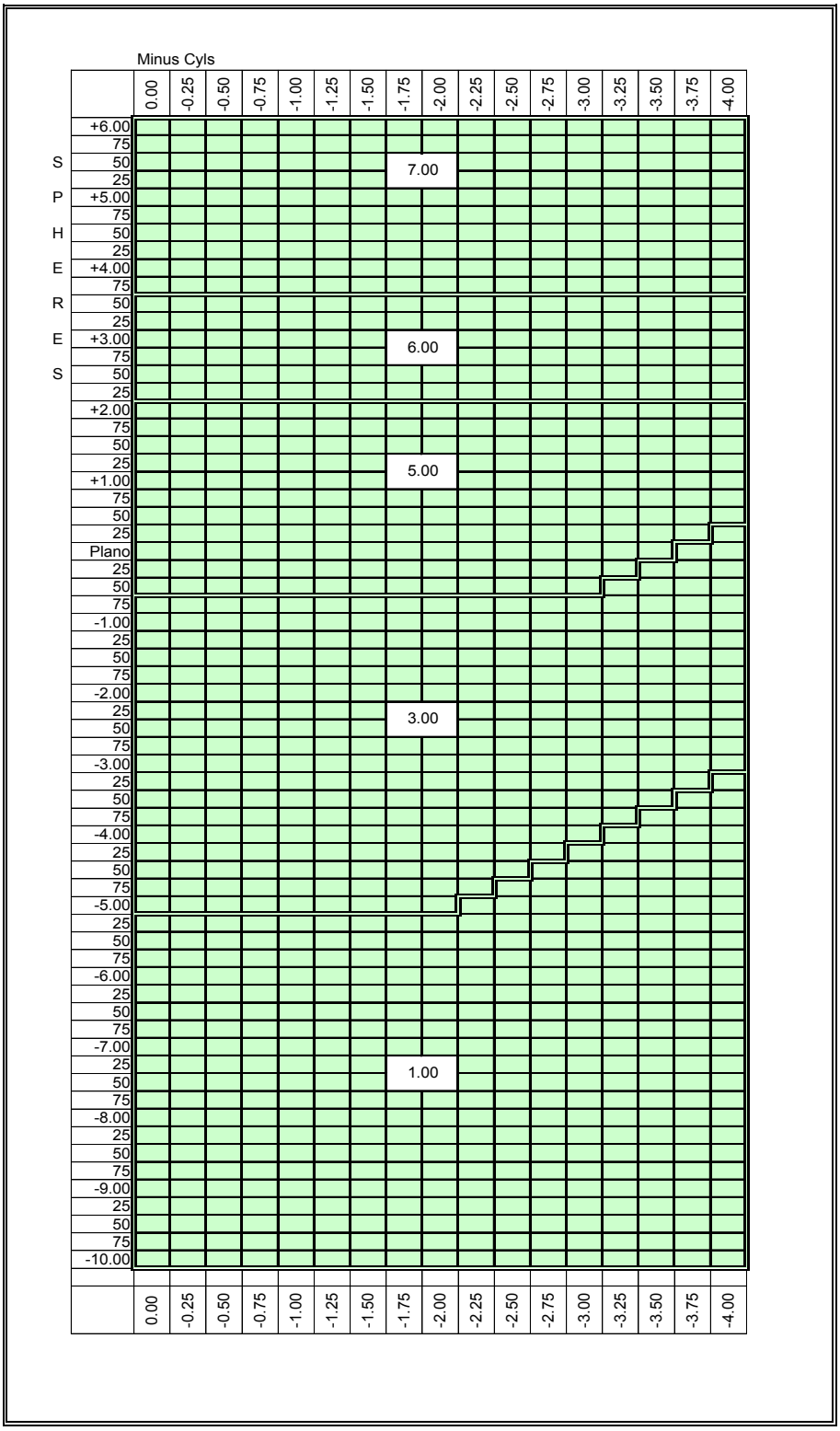
PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 HC

7. Product Range (Minus Cylinder):



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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 Photochromic

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:

Type	***1.67 MR7***
Refractive Index	n_d = 1.659 n_e = 1.664
Abbe Number	ν_d = 32 ν_e = 32
Density	1.35 g/cm^3
UV Protection (ISO)	UVA : 100 %, UVB : 100 % 2.0 mm Centre Thickness
Coating Type	**Hard Coated**

4. Lens Geometry:

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	1.26	420.64	-6.00	**9.0**	15.5
3.00	2.97	178.45	-6.00	**8.7**	12.5
5.00	4.83	109.73	-6.00	**7.0**	9.0
6.00	5.61	94.47	-6.00	**8.5**	9.0
7.00	6.60	80.30	-6.00	**9.0**	8.5

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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 Photochromic

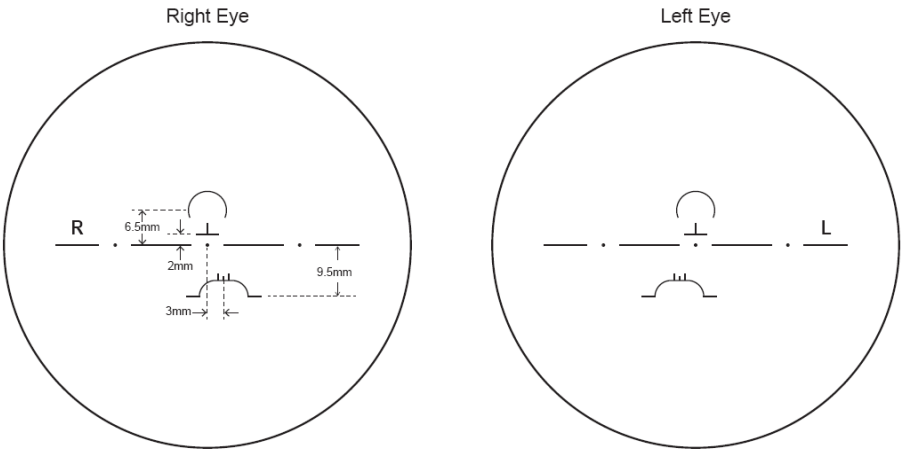
5. Surfacing: Recommended centre & edge thicknesses for all regions:

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:

Ink Markings:



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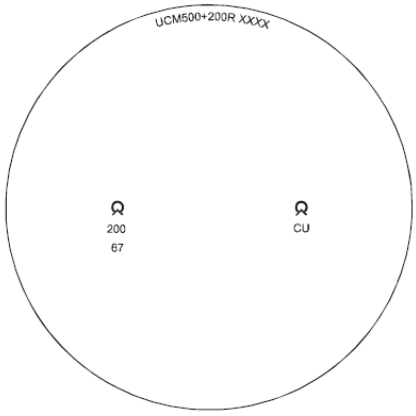	

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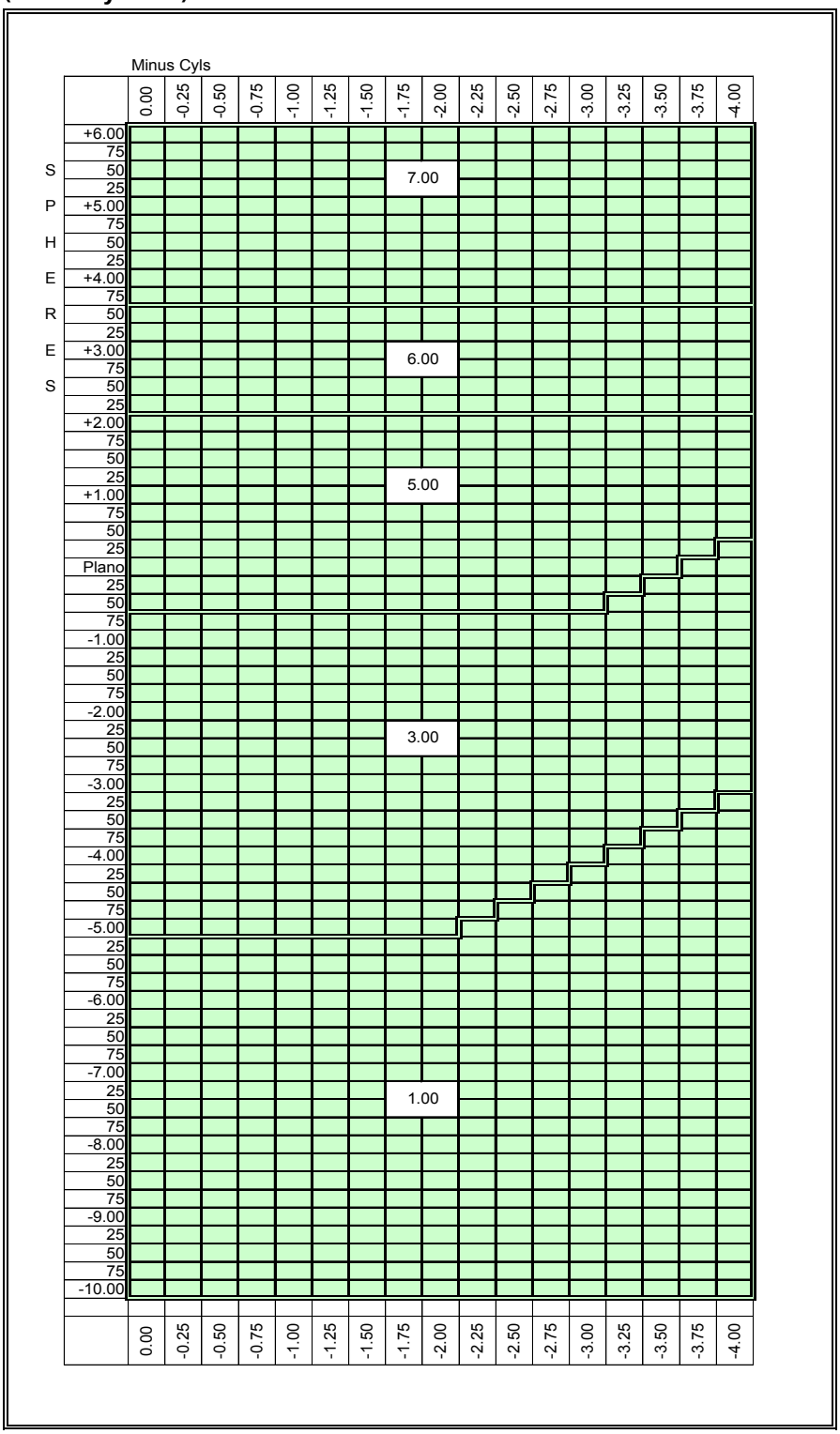
PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 Photochromic

7. Product Range (Minus Cylinder):



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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 Transitions Signature VII

1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
Y74	L6805	SYNC SF P EAS S (ULT) 167 TR GRY HC DB-	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:

Type	***1.67 MR7***
Refractive Index	n_d = 1.659 n_e = 1.664
Abbe Number	ν_d = 32 ν_e = 32
Density	1.35 g/cm^3
UV Protection (ISO)	UVA : 100 %, UVB : 100 % 2.0 mm Centre Thickness
Coating Type	**Hard Coated**

4. Lens Geometry:

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	1.31	404.58	-6.00	**9.0**	15.5
3.00	3.04	174.34	-6.00	**8.7**	12.5
5.00	4.87	108.83	-6.00	**7.0**	9.0
6.00	5.65	93.81	-6.00	**8.5**	9.0
7.00	6.66	79.58	-6.00	**9.0**	8.5

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Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 Transitions Signature VII

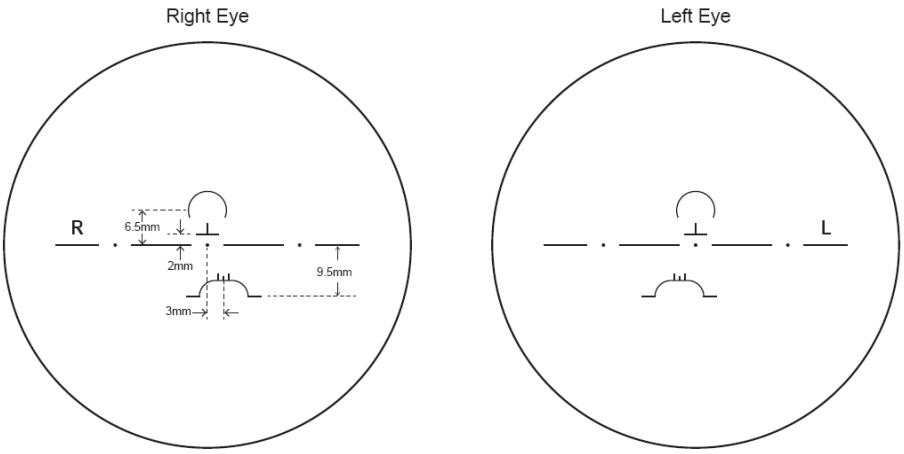
5. Surfacing: Recommended centre & edge thicknesses for all regions:

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:

Ink Markings:



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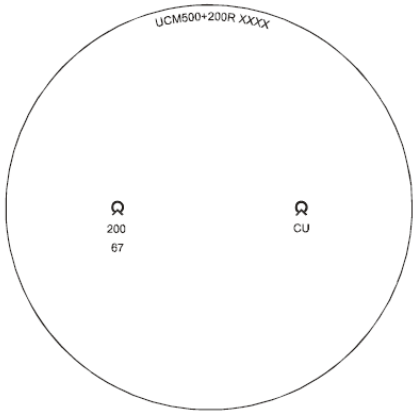	

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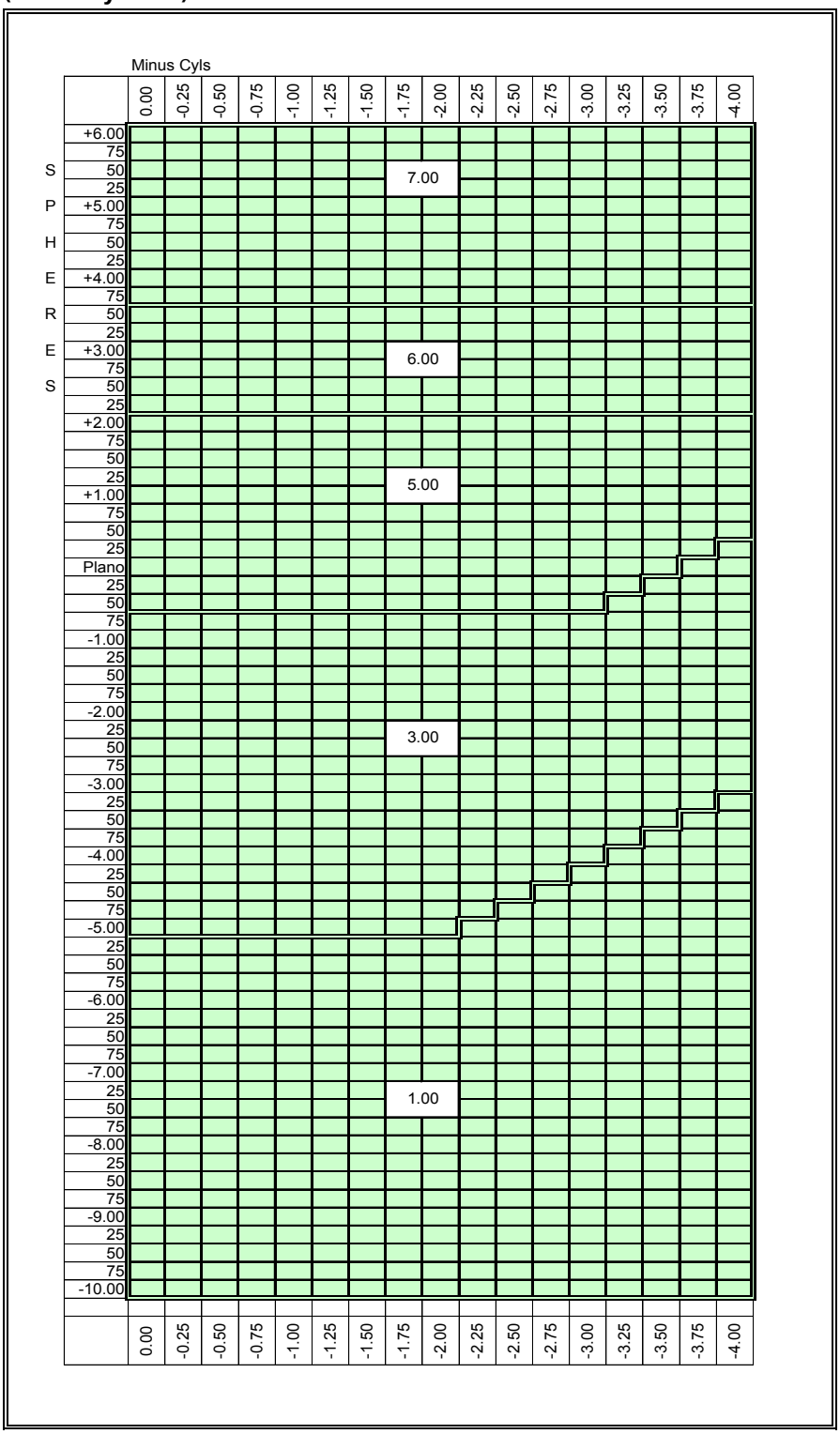
Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.67 Transitions Signature VII

7. Product Range (Minus Cylinder):



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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59

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:

Type	**1.59 Polycarbonate**
Refractive Index	n_d = 1.586 n_e = 1.590
Abbe Number	ν_d = 30 ν_e = 29
Density	1.20 g/cm^3
UV Protection (ISO)	UVA : 100 %, UVB : 100 %
Coating Type	**Hard Coated**

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

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59

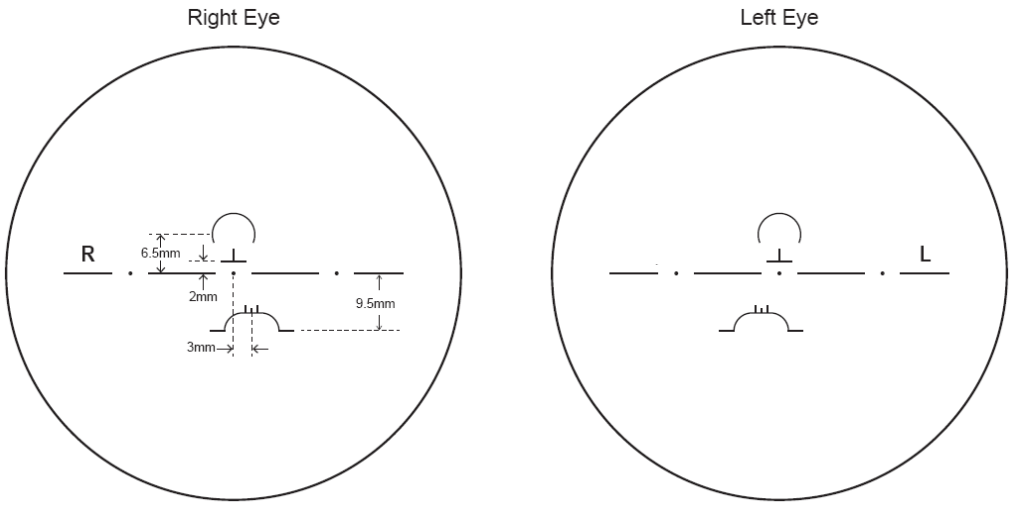
5. Surfacing: Recommended centre & edge thicknesses for all regions:

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:

Ink Markings:



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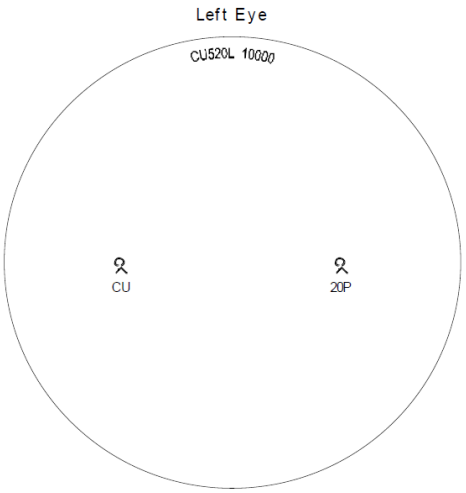
Front Surface: Coding



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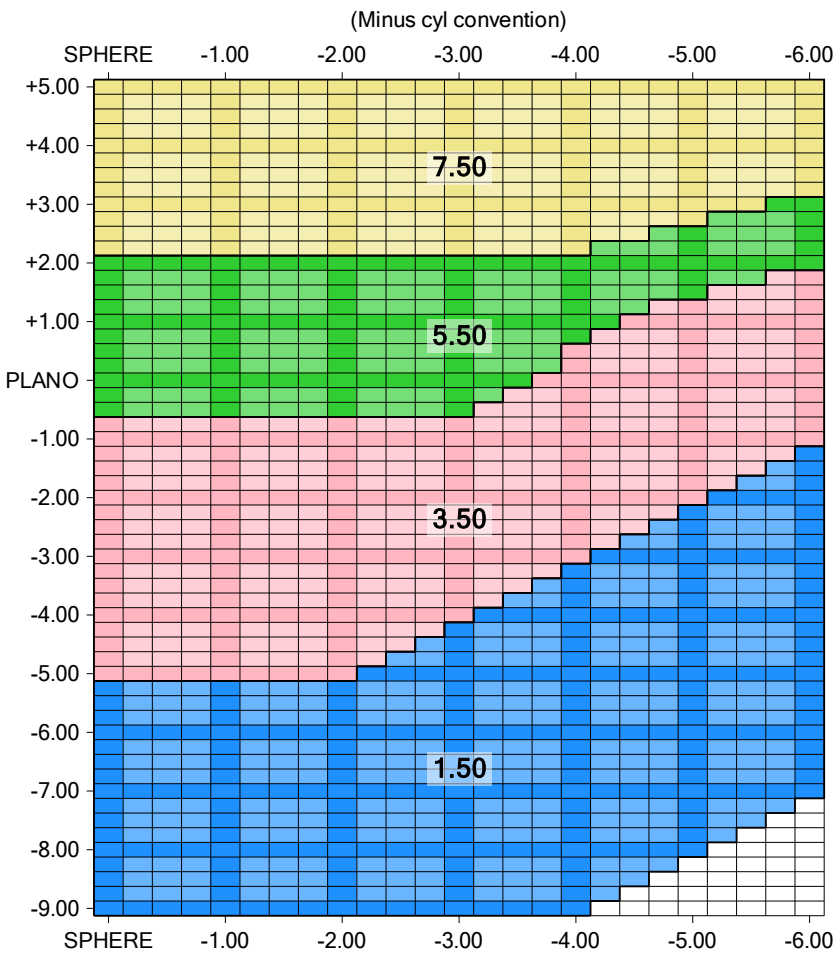
PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59

7. Product Range (Minus Cylinder):



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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59 Photochromic

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:

Type	**1.59 Polycarbonate**
Refractive Index	n_d = 1.586 n_e = 1.590
Abbe Number	ν_d = 30 ν_e = 29
Density	1.20 g/cm^3
UV Protection (ISO)	UVA : 100 %, UVB : 100 %
Coating Type	**Hard Coated**

4. Lens Geometry:

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)
1.50	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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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59 Photochromic

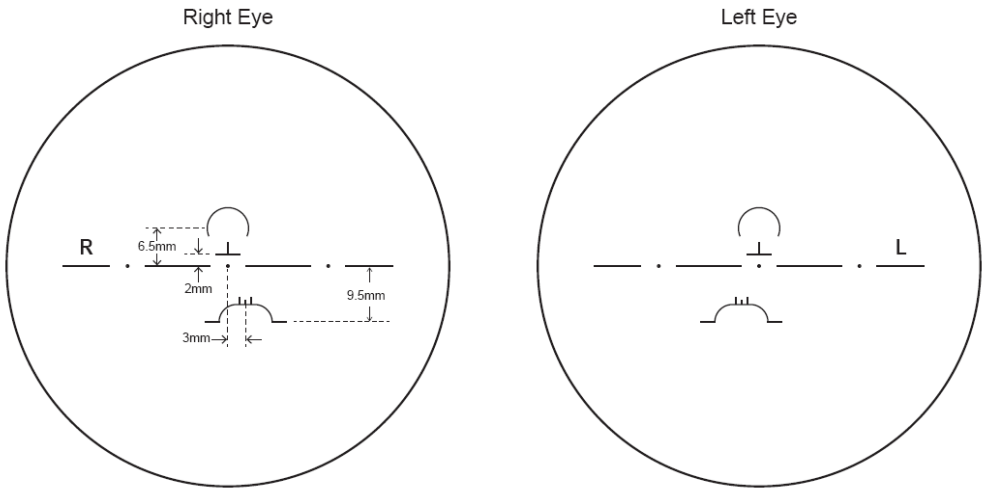
5. Surfacing: Recommended centre & edge thicknesses for all regions:

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:

Ink Markings:



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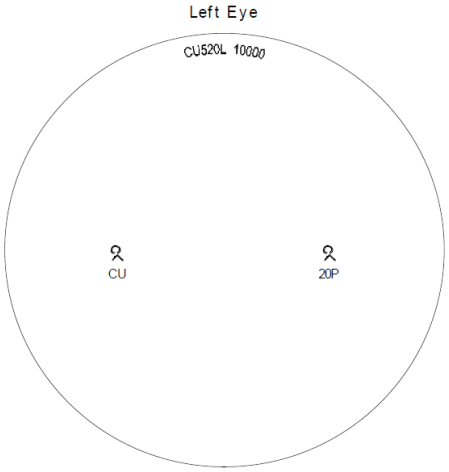

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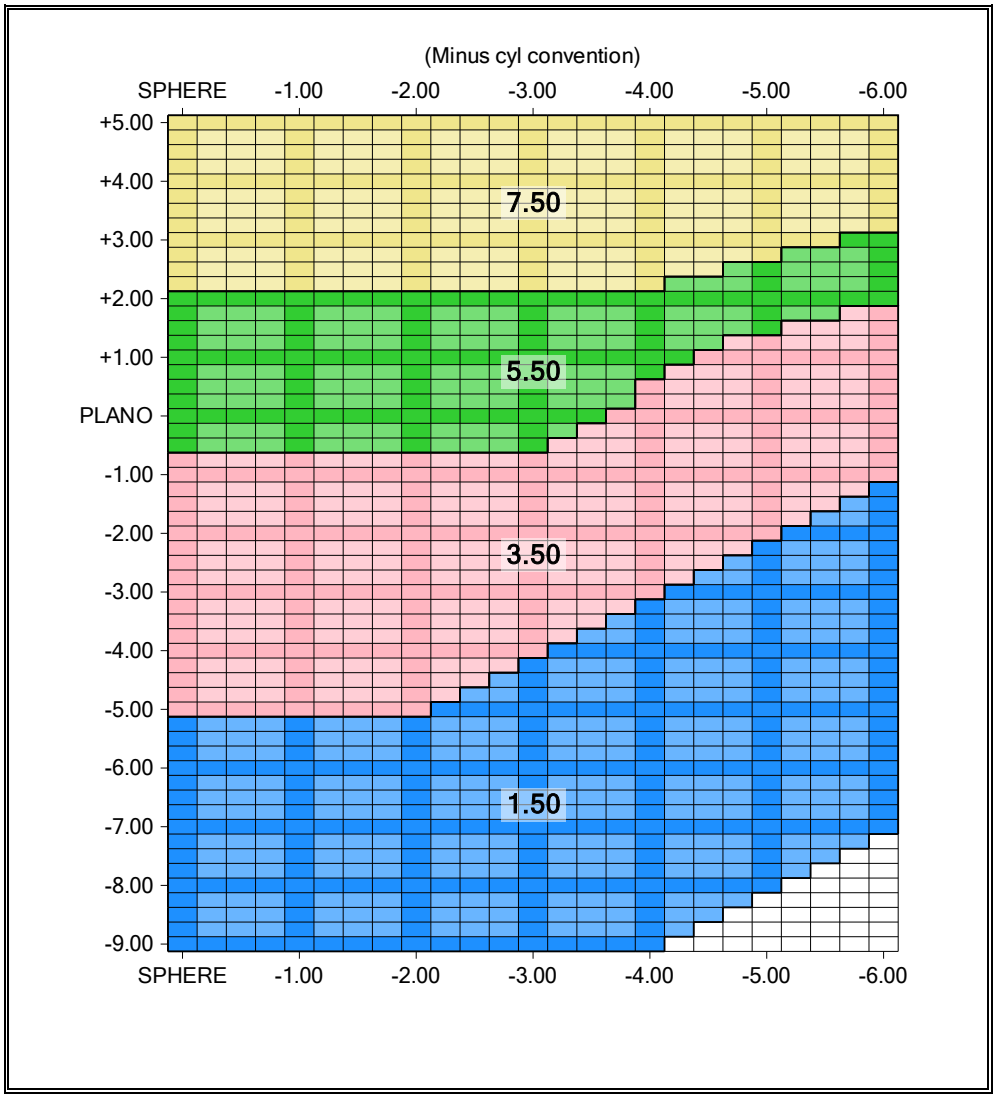
Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59 Photochromic

7. Product Range (Minus Cylinder):



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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59 Transitions® Signature VII

1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
V48	L6424	SYNC SF P EAS S (ULT) 159 TR GRY HC D--	Country of Origin required on Label	US FDA disclaimer Required
V47	L6428	SYNC SF P EAS S (ULT) 159 TR BRN HC D--		

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:

Type	**1.59 Polycarbonate**
Refractive Index	n_d = 1.586 n_e = 1.590
Abbe Number	ν_d = 30 ν_e = 29
Density	1.20 g/cm^3
UV Protection (ISO)	UVA : 100 %, UVB : 100 %
Coating Type	**Hard Coated**

4. Lens Geometry:

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)
1.50	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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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59 Transitions® Signature VII

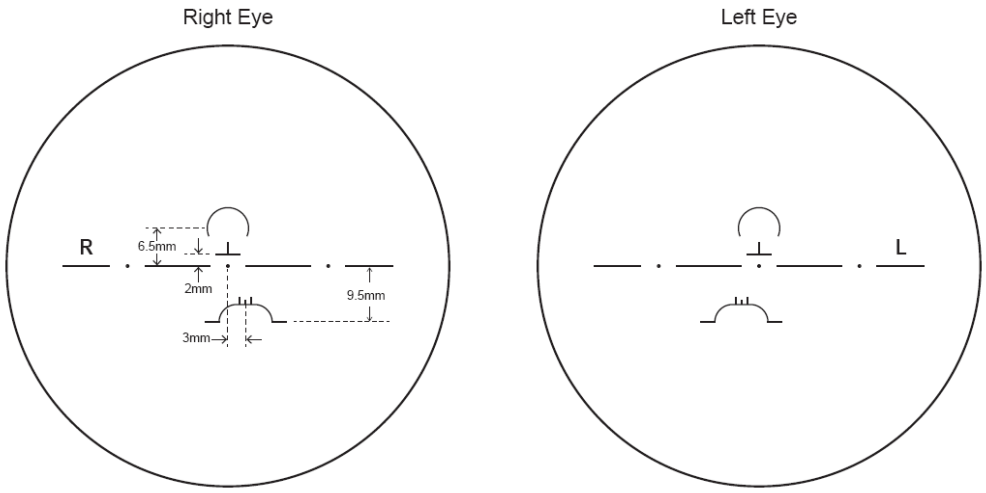
5. Surfacing: Recommended centre & edge thicknesses for all regions:

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*

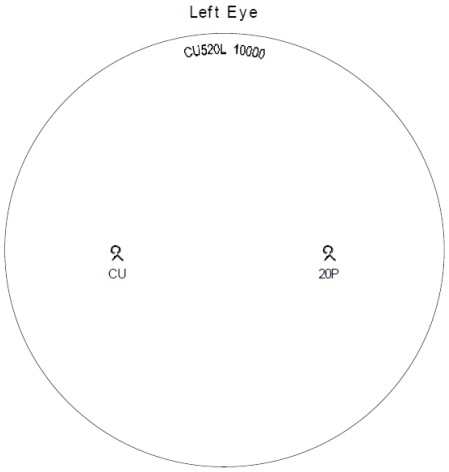
6. Product Markings:

Ink Markings:



Back Surface: Coding

Front Surface: Coding



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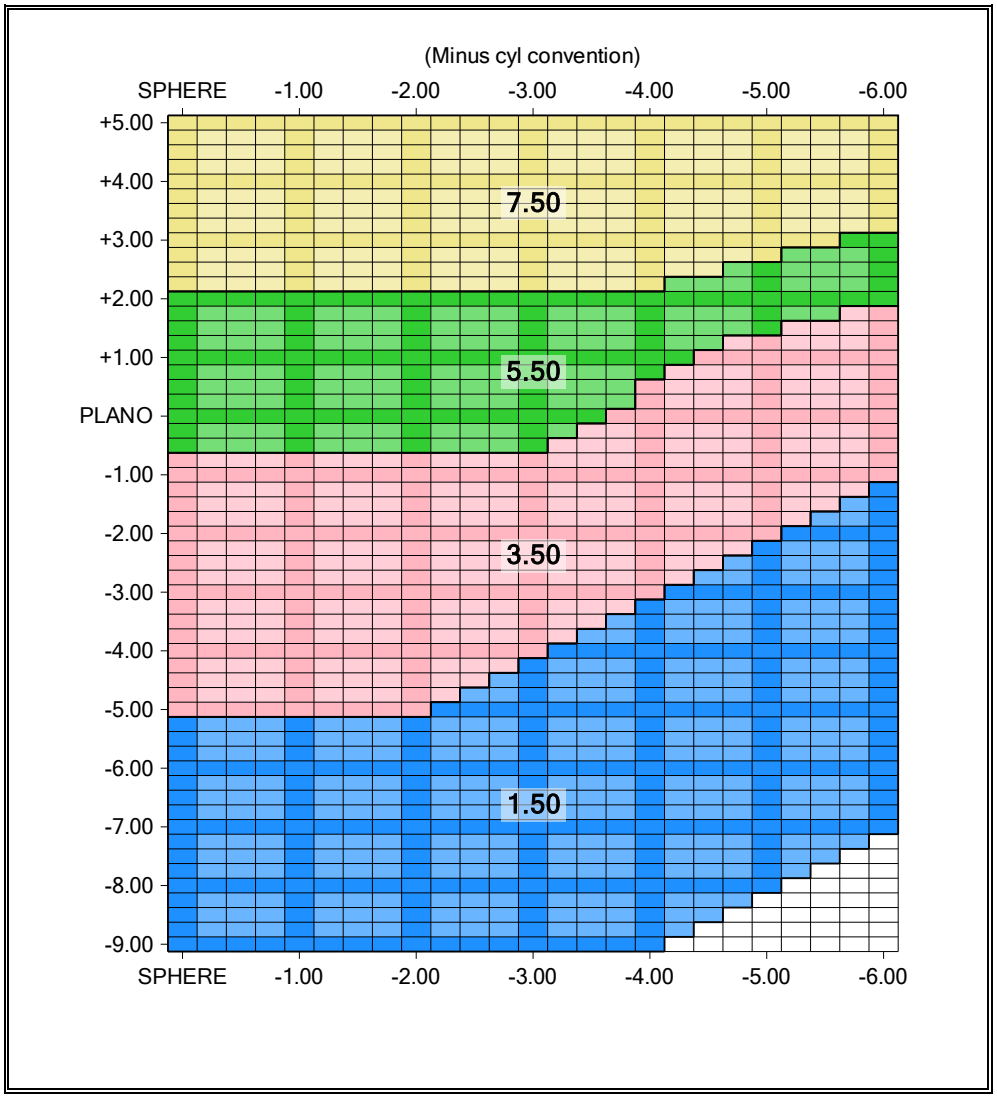
PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.59 Transitions® Signature VII

7. Product Range (Minus Cylinder):



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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.5

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	ν_d = 58 ν_e = 56
Density	1.32 g/cm^3
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 (± 1.0mm)	Nominal Edge Thickness at 'A' (mm)
1.50	1.59	333.333	-3.00	**12.5**	14.0
3.50	3.46	153.179	-6.00	**10.5**	13.0
5.50	5.34	99.251	-6.00	**10.3**	10.5
7.50	7.41	71.525	-6.00	**14.5**	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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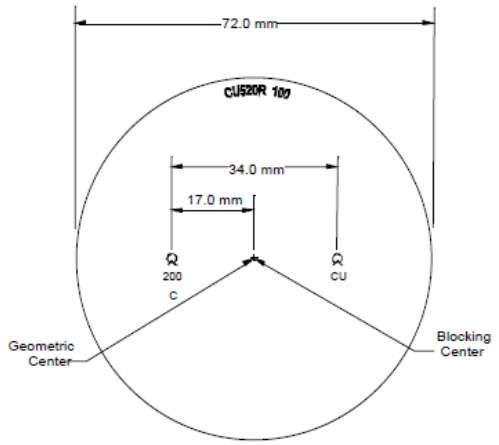
PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.5

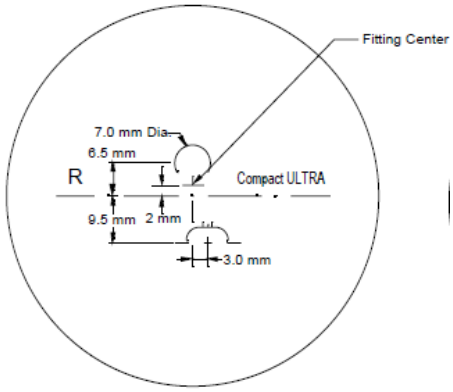
6. Product Markings:

Product Markings:

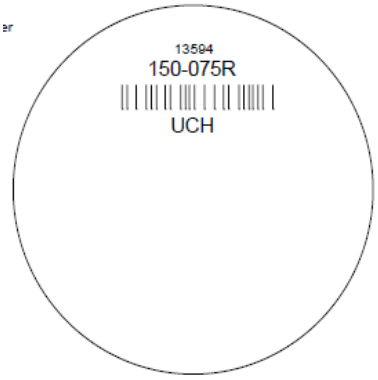
Front Surface: Semi-Visible Markings



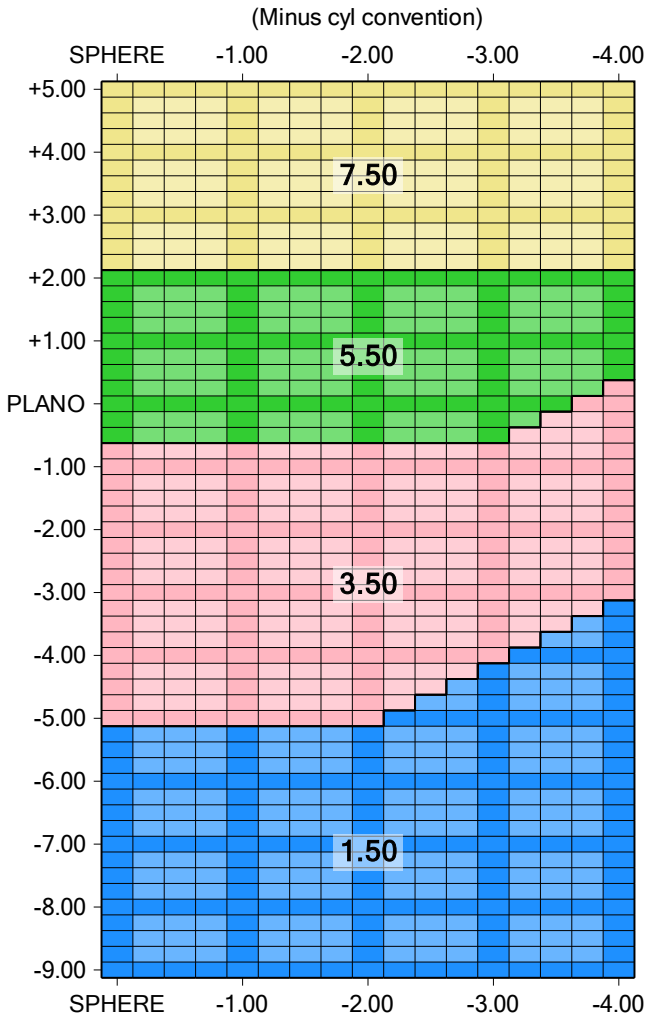
Front Surface: Ink Markings



Back Surface Markings



Recommended Range Chart:



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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.5 Photochromic

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:

Type	**1.5 Polymer**
Refractive Index	n_d = 1.499 n_e = 1.500
Abbe Number	ν_d = 58 ν_e = 56
Density	1.32 g/cm^3
UV Protection (ISO)	Coated, Activated, 2.0mm Centre Thickness: UVA : 100 %, UVB : 100 %
Coating Type	**Hard Coated**

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	1.61	329.19	-3.00	**12.5**	14.0
3.50	3.50	151.43	-6.00	**10.5**	13.0
5.50	5.39	98.33	-6.00	**10.3**	10.5
7.50	7.46	71.05	-6.00	**14.5**	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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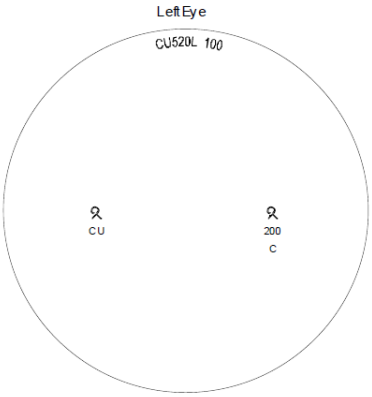
PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.5 Photochromic

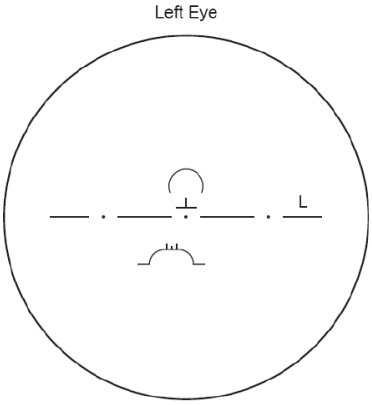
6. Product Markings:

Product Markings:

Front Surface: Semi-Visible Markings

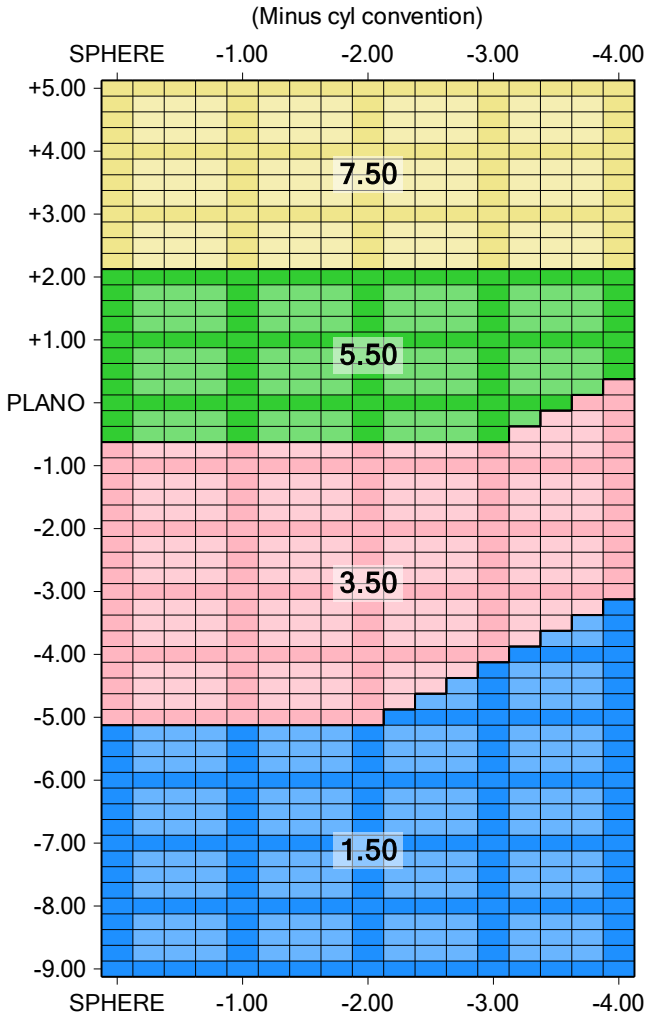


Front Surface: Ink Markings



Back Surface Markings

Recommended Range Chart:



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PRODUCT FACT SHEET

Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.5 Transitions® Signature VII

1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:
V44	L6390	SYNC SF P EAS S (ULT) 15 TR BRN HC DE-	Country of Origin required on Label	Yes, US FDA disclaimer Required
V45	L6389	SYNC SF P EAS S (ULT) 15 TR GRY HC DE-		

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	**CR-607®**
Refractive Index	n_d = 1.497 n_e = 1.499
Abbe Number	ν_d = 61 ν_e = 57
Density	1.27 g/cm^3
UV Protection (ISO)	UVA : 100 %, UVB : 100 %
Coating Type	**Hard Coated**

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	1.61	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

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

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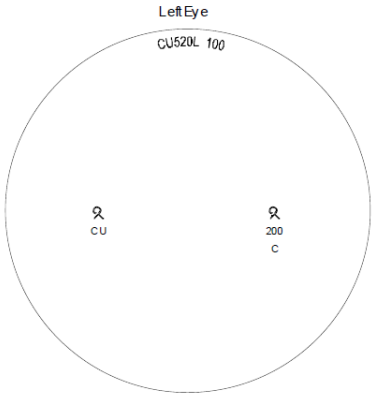
Product Name	synchrony Semi-Finished Progressive Easy S (Compact Ultra) 1.5 Transitions® Signature VII

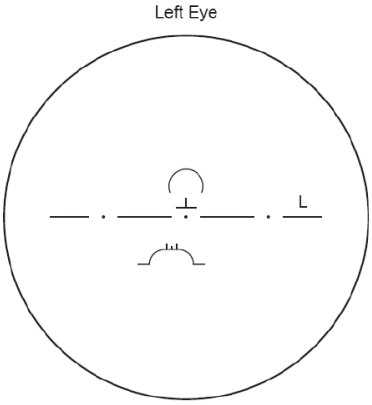
6. Product Markings:

Product Markings:

Front Surface: Semi-Visible Markings

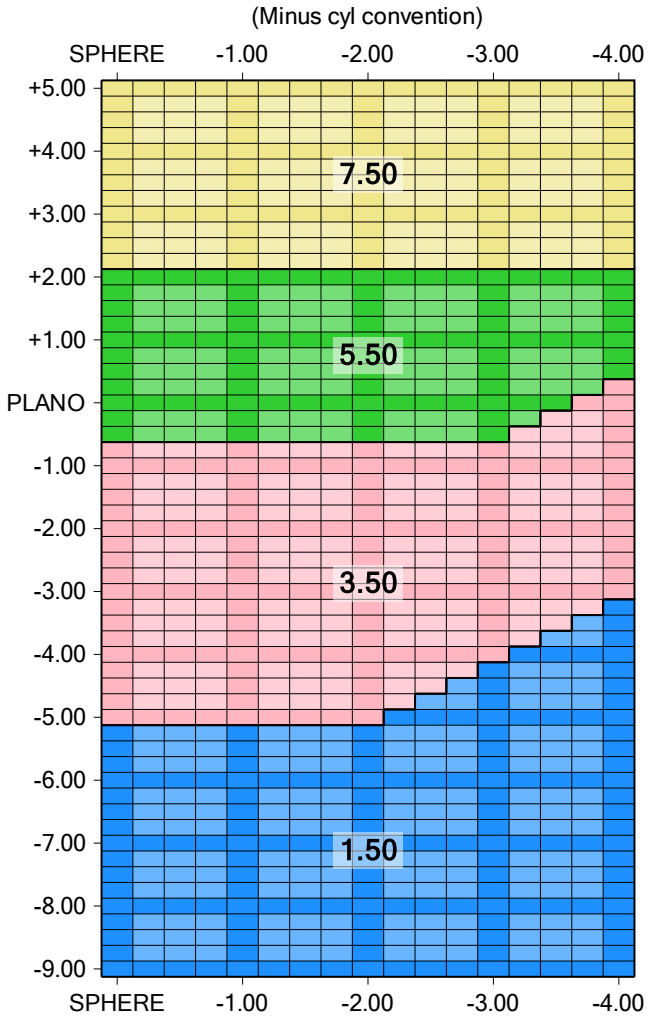


Front Surface: Ink Markings



Back Surface Markings

Recommended Range Chart:



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