PRODUCT FACT SHEET



Product Name

synchrony Semi-Finished FLAT-TOP Trifocal 76 x 7 x 28mm 1.5 Photochromic

1. Customer Product Codes

CAT Code:	LGC:	LGC Description:	Notes:	FDA:	
C25	L6852	SYNC SF T FTT28 15 PH GRY 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)	Rx Range	Recomn	nended (D)
76	4.00	1.50 to 3.00	-4.00	to	-2.25
76	6.00	1.50 to 3.00	-2.00	to	+2.00
76	8.00	1.50 to 3.00	+2.25	to	+6.00

3. Material & Coating Specifications:

Туре	1.5 Photochromic
Refractive Index	$n_d = 1.502$ $n_e = 1.504$
Abbe Number	$v_d = 54$ $v_e = 52$
Density	1.18 g/cm ³
Luminous Transmittance (clear state)	≥ 87%
UV Protection (ISO)	Coated, Activated : 2.0 mm Centre Thickness: UVA : 100 %, UVB : 100 %
Coating Type	Hard Coated

4. Lens Geometry: Curves measured in 1.530 Index, at the Geometric Centre

Nominal Base	True Front Curve (D)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness (mm) (± 1.0mm)	Nominal Edge Thickness (mm)	Nominal Packaged weight (g)
4.00	3.68	144.02	-6.00	11.4	14.7	86
6.00	5.89	89.98	-6.00	8.9	9.0	66
8.00	8.01	66.17	-6.00	12.4	9.0	77

Document Number: 00596.FS2	Reviewed by: Geoff Riley, 02 Sep 2016		
For External Distribution	Page 1 of 3		

PRODUCT FACT SHEET



Product Name

synchrony Semi-Finished FLAT-TOP Trifocal 76 x 7 x 28mm 1.5 Photochromic

Dimension	Value		73.41			
		(Minus cyl convention)				
	(mm)	SPHERE	-1.00	-2.00	-3.00	-4.00
Lens Diameter	76.0	+6.00				
Seg Diameter	28.0	+5.00 -		1000		
Seg Line Length	21.5	+4 00 -		8.00		
Seg Depth	23.0					
Intermediate Band Width	7.0	+3.00 -				
Distance Below Datum	4.0	+2.00 -				
Inset From Datum	6.0	+1.00 -		6.00		
	PLANO -					
, A	>	-1.00 -				
< C> > G <-		-2.00 -				
		-3.00 -		4.00		
		-4.00 -				
¥		SPHERE	-1.00	-2.00	-3.00	-4.00
	D					
	Seg Line Length Seg Depth Intermediate Band Width Distance Below Datum Inset From Datum eg dimensions vary slightly as a fower. Nominal value only shown	Seg Line Length Seg Depth 23.0 Intermediate Band Width 7.0 Distance Below Datum 4.0 Inset From Datum 6.0 eg dimensions vary slightly as a function of add lower. Nominal value only shown.	Seg Line Length Seg Depth Intermediate Band Width 7.0 Distance Below Datum Inset From Datum 6.0 eg dimensions vary slightly as a function of add lower. Nominal value only shown. A A SPHERE	Seg Line Length Seg Depth 23.0 Intermediate Band Width 7.0 Distance Below Datum 4.0 Inset From Datum 6.0 eg dimensions vary slightly as a function of add lower. Nominal value only shown. PLANO 21.5 4.00 PLANO 3.00 3.00 3.00 3.00 4.00 SPHERE -1.00	Seg Line Length 21.5 Seg Depth 23.0 Intermediate Band Width 7.0 Distance Below Datum 4.0 Inset From Datum 6.0 eg dimensions vary slightly as a function of add lower. Nominal value only shown. A	Seg Line Length Seg Depth 23.0 Intermediate Band Width 7.0 Distance Below Datum 4.0 Inset From Datum 6.0 eg dimensions vary slightly as a function of add lower. Nominal value only shown. A C 200 300 4.00 PLANO 3.00 4.00 SPHERE -1.00 -2.00 -3.00

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

Document Number: 00596.FS2	Reviewed by: Geoff Riley, 02 Sep 2016		
For External Distribution	Page 2 of 3		

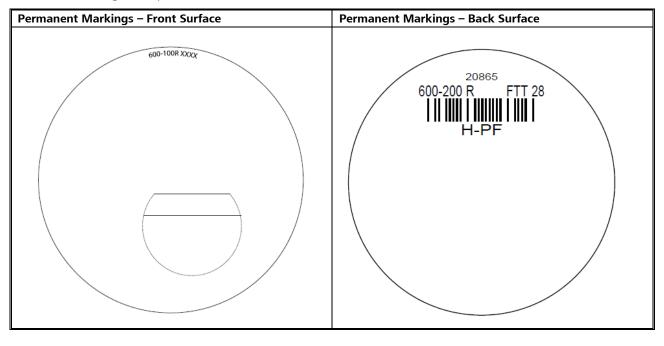
PRODUCT FACT SHEET



Product Name

synchrony Semi-Finished FLAT-TOP Trifocal 76 x 7 x 28mm 1.5 Photochromic

6. Product Markings: Samples



Document Number: 00596.FS2	Reviewed by: Geoff Riley, 02 Sep 2016		
For External Distribution	Page 3 of 3		