



GT2 Short by Zeiss - Fact Sheets

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GT2 Short by Zeiss

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CARL ZEISS VISION

PRODUCT FACT SHEET

Substrate	:	1.67 MR7		
Product Name	:	ZEISS GT2 SHORT PROGRESSIVE		
Product type	:	SEMI-FINISHED BLANKS		
Reference	:	Z00072.FS4		
Date	:	14 June 2012	Page	: 1 of 3

Product Range:

Product:	CAT Code:	LGC:
Hard Coated	T87	L1840

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Recommended Rx Range (D)
71/76	0.70	1.00 to 3.00	-16.00 to -10.25
76/81	1.40	1.00 to 3.00	-10.00 to -6.50
76/81	2.10	1.00 to 3.00	-6.25 to -4.25
76/81	3.10	1.00 to 3.00	-4.00 to -2.25
76/81	4.00	1.00 to 3.00	-2.00 to +1.75
76/81	4.90	1.00 to 3.00	+2.00 to +3.75
76/81	6.00	1.00 to 3.00	+4.00 to +6.00

Material & Coating Specifications:

Type	MR-7™
Refractive Index	$n_d = 1.659$ (Helium 'd' line 587.56nm) $n_e = 1.664$ (Mercury 'e' line 546.07nm)
Abbe Number	$v_d = 32$ $v_e = 32$
Density	1.35 g.cm ⁻³
UV Protection (ISO)	100% UVA and UVB (from 380nm to 280nm as per ISO 8980-3)
Coating Type	Hard Coated

For External Distribution

The Zeiss logo and Gradal are trademarks of Carl Zeiss Vision Inc.
MR-7 is a trademark of Mitsui Chemicals Inc.

Reference	:	Z00072.FS4			
Date	:	14 June 2012	Page	:	2 of 3

Blank Information:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ($\pm 1.0\text{mm}$)	Nominal Edge Thickness at 'A' (mm)
0.70	0.65	815.39	-6.00	10.3	16.5
1.40	1.38	394.06	-6.00	10.2	16.1
2.10	2.19	242.01	-6.00	8.3	13.5
3.10	3.08	172.08	-6.00	7.8	11.1
4.00	3.97	133.50	-6.00	8.4	11.1
4.90	4.83	109.73	-6.00	7.5	9.2
6.00	6.06	87.46	-6.00	9.1	9.2

Surfacing:

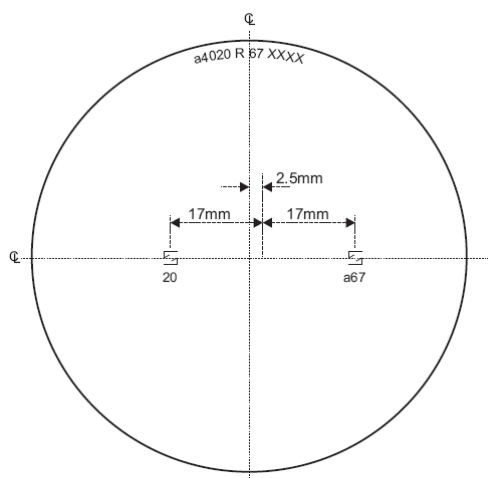
Recommended centre & edge thicknesses for all regions:

Power Range (D)	Minimum Centre Thickness (mm)	Minimum Edge Thickness (mm)
-16.00 to -10.25	1.3	
-10.00 to -1.50	1.2	
-1.25 to +0.00	1.3 to 2.0	
+0.25 to +6.00		2.0 to 0.6

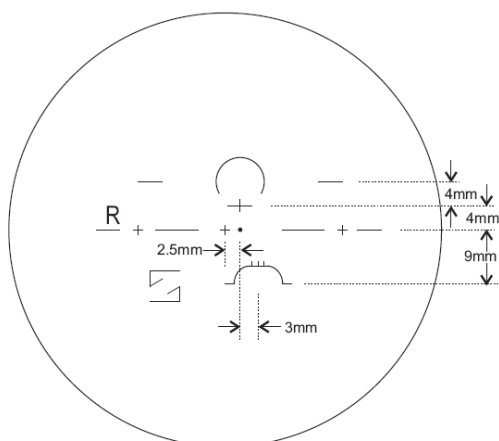
Reference	:	Z00072.FS4		
Date	:	14 June 2012	Page	: 3 of 3

Product Markings:

Front Surface: Top Code & Semi-visible



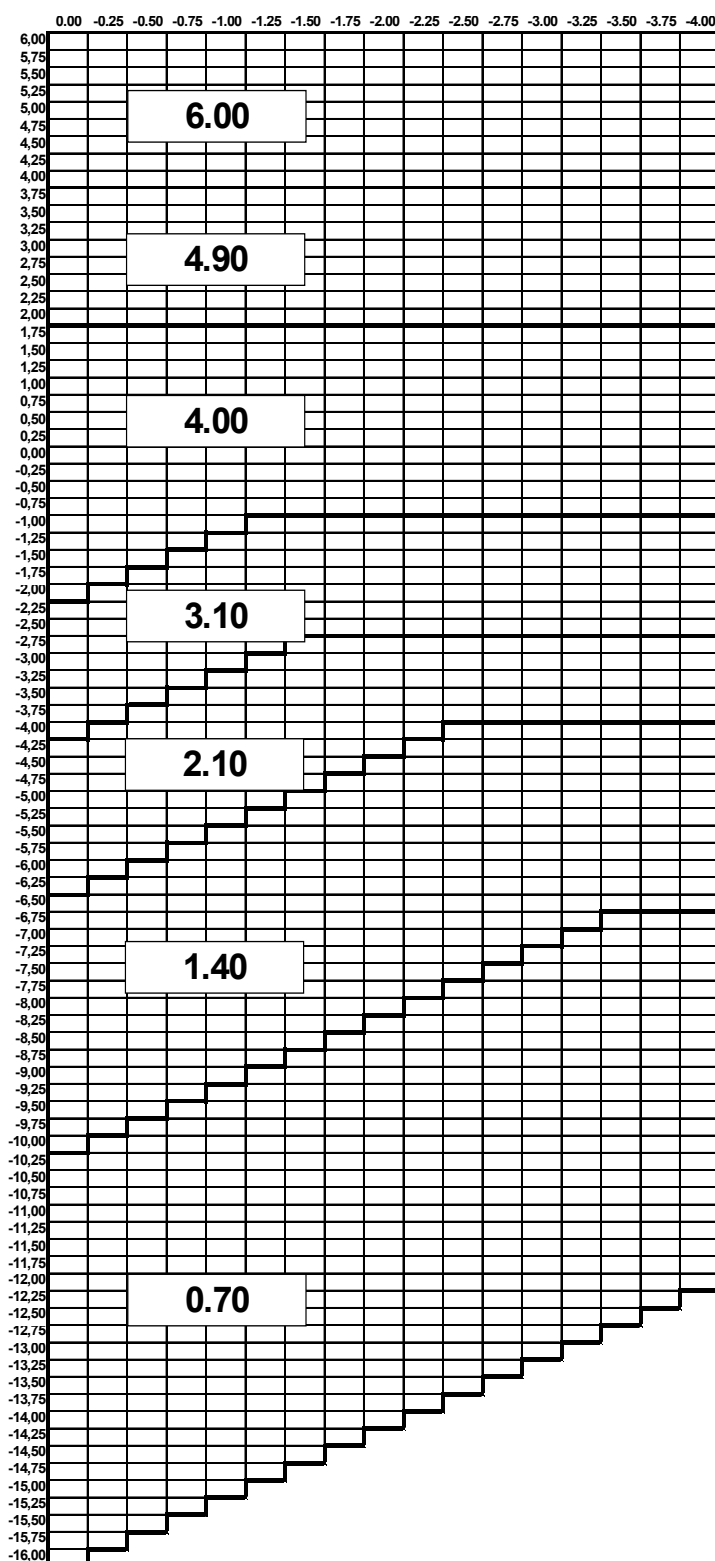
Ink Markings:



Back Surface Coding:



Recommended Range Chart:



PRODUCT FACT SHEET



PhotoFusion® Lenses by ZEISS

Substrate : **1.67 MR7 PhotoFusion®**
 Product Name : **ZEISS GT2 SHORT PROGRESSIVE**
 Product type : **SEMI-FINISHED BLANKS**
 Reference : Z00310.FS3
 Date : 26 July 2012

Page : 1 of 2

Product Range:

Colour:	Brown	Grey
CAT Code:	F70	F69

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Recommended Rx Range (D)
71/76	0.70	1.00 to 3.00	-16.00 to -10.25
76/81	1.40	1.00 to 3.00	-10.00 to -6.50
76/81	2.10	1.00 to 3.00	-6.25 to -4.25
76/81	3.10	1.00 to 3.00	-4.00 to -2.25
76/81	4.00	1.00 to 3.00	-2.00 to +1.75
76/81	4.90	1.00 to 3.00	+2.00 to +3.75
76/81	6.00	1.00 to 3.00	+4.00 to +6.00

Material & Coating Specifications:

Type	MR-7™
Refractive Index	$n_d = 1.659$ $n_e = 1.664$
Abbe Number	$v_d = 32$ $v_e = 32$
Density	1.35 g.cm ⁻³
UV Protection (ISO)	100% UVA and 100% UVB Coated , Activated : 2.0mm Centre Thickness
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)
0.70	0.63	841.27	-6.0	10.3	16.5
1.40	1.32	401.52	-6.0	10.2	16.2
2.10	2.12	250.00	-6.0	8.3	13.5
3.10	3.01	176.08	-6.0	7.3	11.3
4.00	3.91	135.55	-6.0	8.4	11.2
4.90	4.77	111.11	-6.0	7.6	9.5
6.00	6.01	88.19	-6.0	9.1	9.4

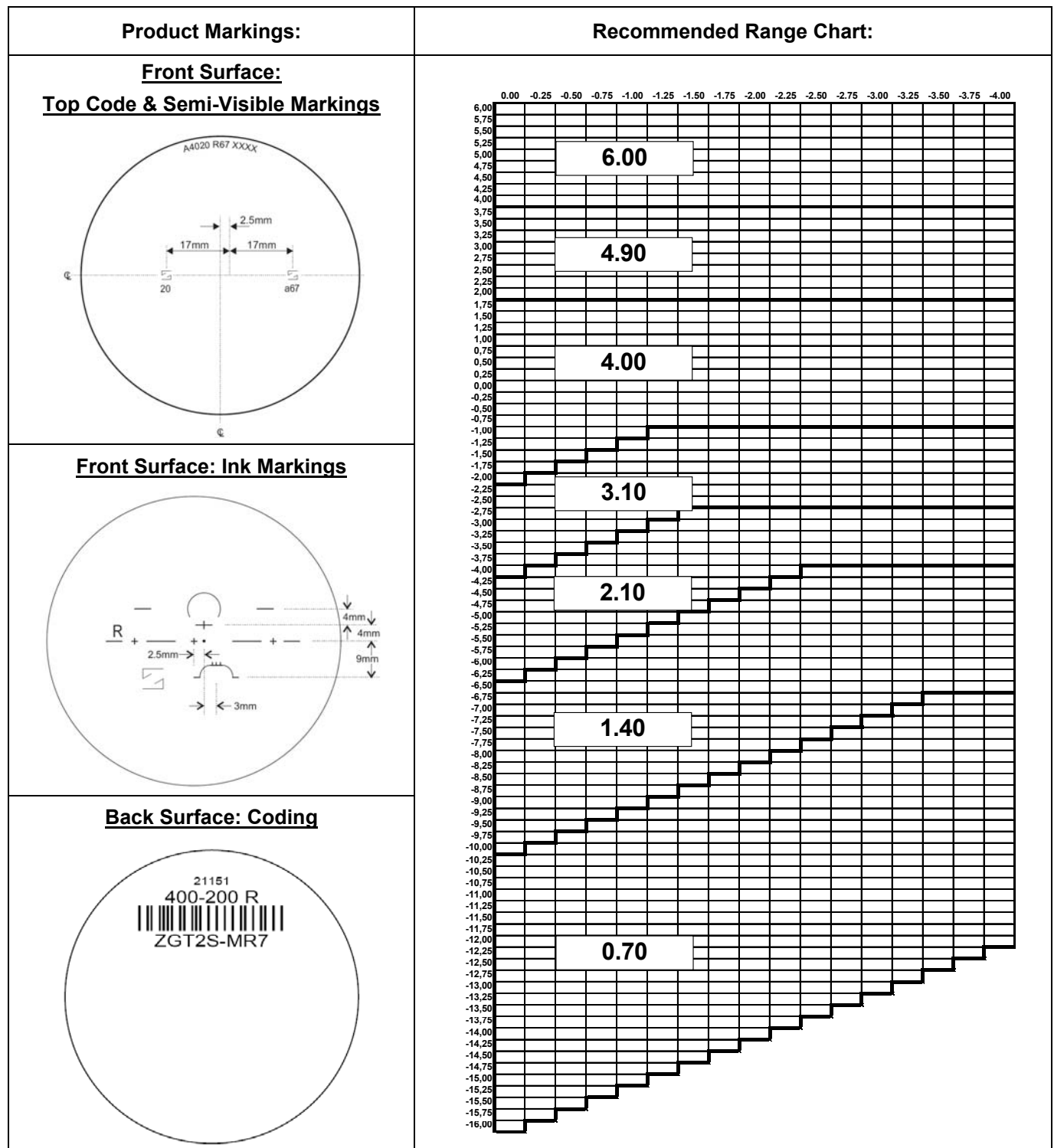
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 PhotoFusion is a registered trademark of Carl Zeiss Vision International GmbH.
 MR-7 is a trademark of Mitsui Chemicals Inc.

Surfacing: Recommended centre & edge thicknesses.

Power Range (D)	Minimum Centre Thickness (mm)	Minimum Edge Thickness (mm)
-16.00 to -2.00	1.5	
-1.75 to +2.00	1.5 or *	1.5 *
+2.25 to +4.00		1.0
+4.25 to +6.00		0.5

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





PRODUCT FACT SHEET

Substrate	:	1.67 TRANSITIONS® SIGNATURE VII		
Product Name	:	ZEISS GT2 SHORT PROGRESSIVE		
Product type	:	SEMI-FINISHED BLANKS		
Reference	:	Z00543.FS1		
Date	:	29 November 2013	Page	: 1 of 3

Product Range:

Product:	Gray HC	Brown HC
LGC:	L6412	L6411
Cat Code:	V59	V58

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Recommended Rx Range (D)
71/76	0.70	1.00 to 3.00	-16.00 to -10.25
76/81	1.40	1.00 to 3.00	-10.00 to -6.50
76/81	2.10	1.00 to 3.00	-6.25 to -4.25
76/81	3.10	1.00 to 3.00	-4.00 to -2.25
76/81	4.00	1.00 to 3.00	-2.00 to +1.75
76/81	4.90	1.00 to 3.00	+2.00 to +3.75
76/81	6.00	1.00 to 3.00	+4.00 to +6.00

Material & Coating Specifications:

Type	MR-7™
Refractive Index	$n_d = 1.659$ (Helium 'd' line 587.56nm) $n_e = 1.664$ (Mercury 'e' line 546.07nm)
Abbe Number	$v_d = 32$ $v_e = 32$
Density	1.35 g.cm ⁻³
UV Protection (ISO)	100% UVA and UVB (from 380nm to 280nm as per ISO 8980-3)
Coating Type	Coated

For External Distribution

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Reference	:	Z00543.FS1			
Date	:	29 November 2013	Page	:	2 of 3

Blank Information:

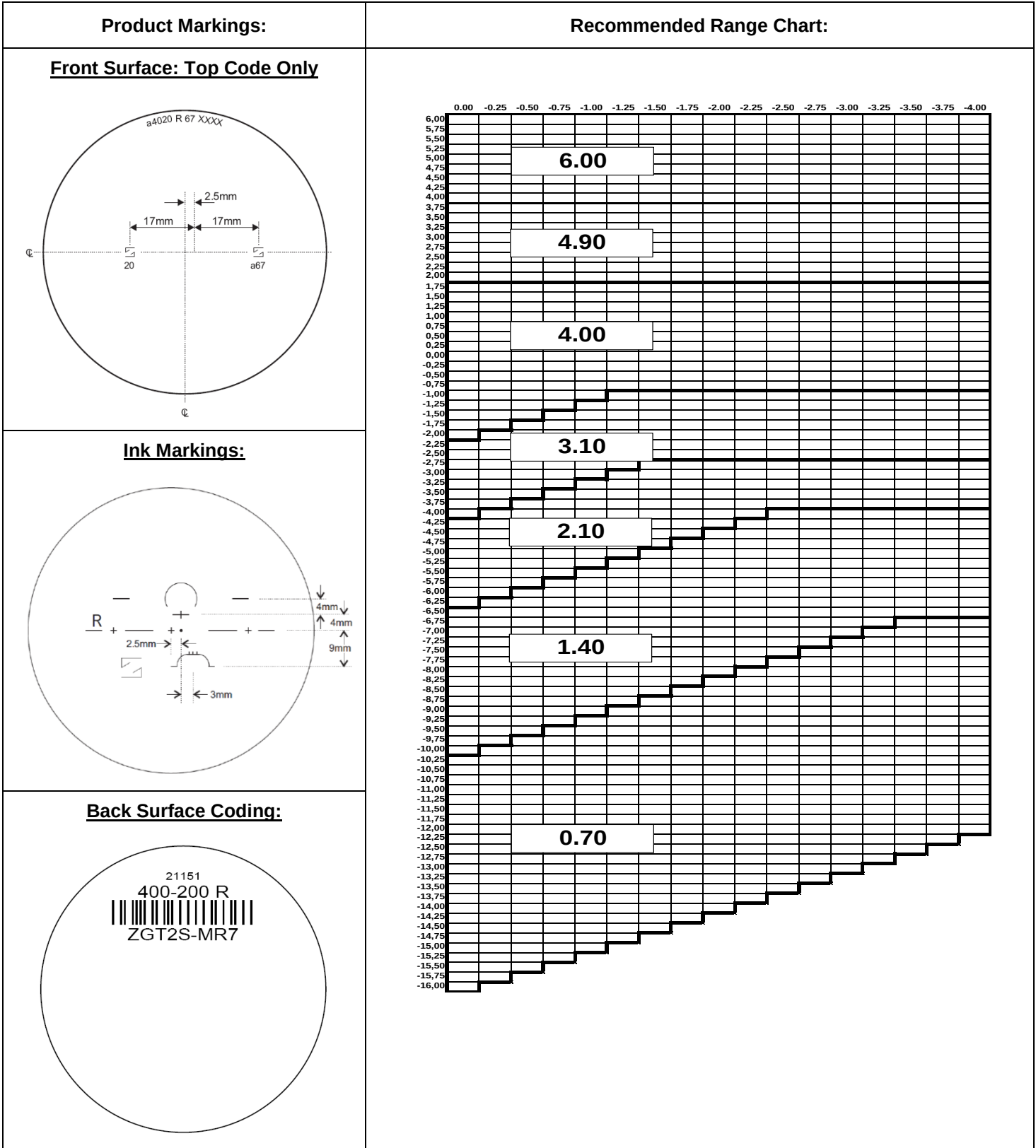
Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ($\pm 1.0\text{mm}$)	Nominal Edge Thickness at 'A' (mm)
0.70	0.65	815.40	-6.00	10.3	16.5
1.40	1.37	386.90	-6.00	10.2	16.2
2.10	2.15	246.50	-6.00	8.3	13.5
3.10	3.06	173.20	-6.00	7.3	11.3
4.00	3.95	134.20	-6.00	8.4	11.2
4.90	4.80	110.40	-6.00	7.6	9.5
6.00	6.04	87.80	-6.00	9.1	9.4

Surfacing:

Recommended centre & edge thicknesses for all regions:

Power Range (D)	Minimum Centre Thickness (mm)	Minimum Edge Thickness (mm)
-10.00 to -2.00	2.0	
-1.75 to +2.00	2.0 or *	1.0 *
+2.25 to +4.00		1.0
+4.25 to +6.00		0.5

* Thicknesses are based on whichever is the limiting factor.





CARL ZEISS VISION

PRODUCT FACT SHEET

Substrate	:	POLYCARBONATE			
Product Name	:	ZEISS GT2 SHORT PROGRESSIVE			
Product type	:	SEMI-FINISHED BLANKS			
Reference	:	Z00071.FS2			
Date	:	4 April 2012	Page	:	1 of 2

Product Range:

Product:	Hard Coated
CAT Code:	T89

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Recommended Rx Range (D)
75/80	1.70	1.00 to 3.00	-10.00 to -6.50
75/80	2.60	1.00 to 3.00	-6.25 to -4.25
75/80	3.50	1.00 to 3.00	-4.00 to -2.25
75/80	4.50	1.00 to 3.00	-2.00 to +1.75
75/80	5.60	1.00 to 3.00	+2.00 to +3.75
75/80	6.80	1.00 to 3.00	+4.00 to +6.00

Material & Coating Specifications:

Type	Polycarbonate	
Refractive Index	$n_d = 1.586$	$n_e = 1.590$
Abbe Number	$v_d = 30$	$v_e = 29$
Density	1.20 g.cm^{-3}	
UV Protection (ISO)	UVA : 100 %, UVB : 100 % Coated : 2.0 mm Centre Thickness	
Coating Type	Hard Coated	

Blank Information:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ($\pm 1.0\text{mm}$)	Nominal Edge Thickness (mm)
1.70	1.72	308.14	-5.75	7.7	12.6
2.60	2.56	207.03	-5.75	7.7	11.7
3.50	3.48	152.30	-5.75	8.2	10.9
4.50	4.46	118.83	-5.75	8.3	9.6
5.60	5.48	96.72	-8.00	11.2	14.7
6.80	6.81	77.83	-8.00	11.3	12.7

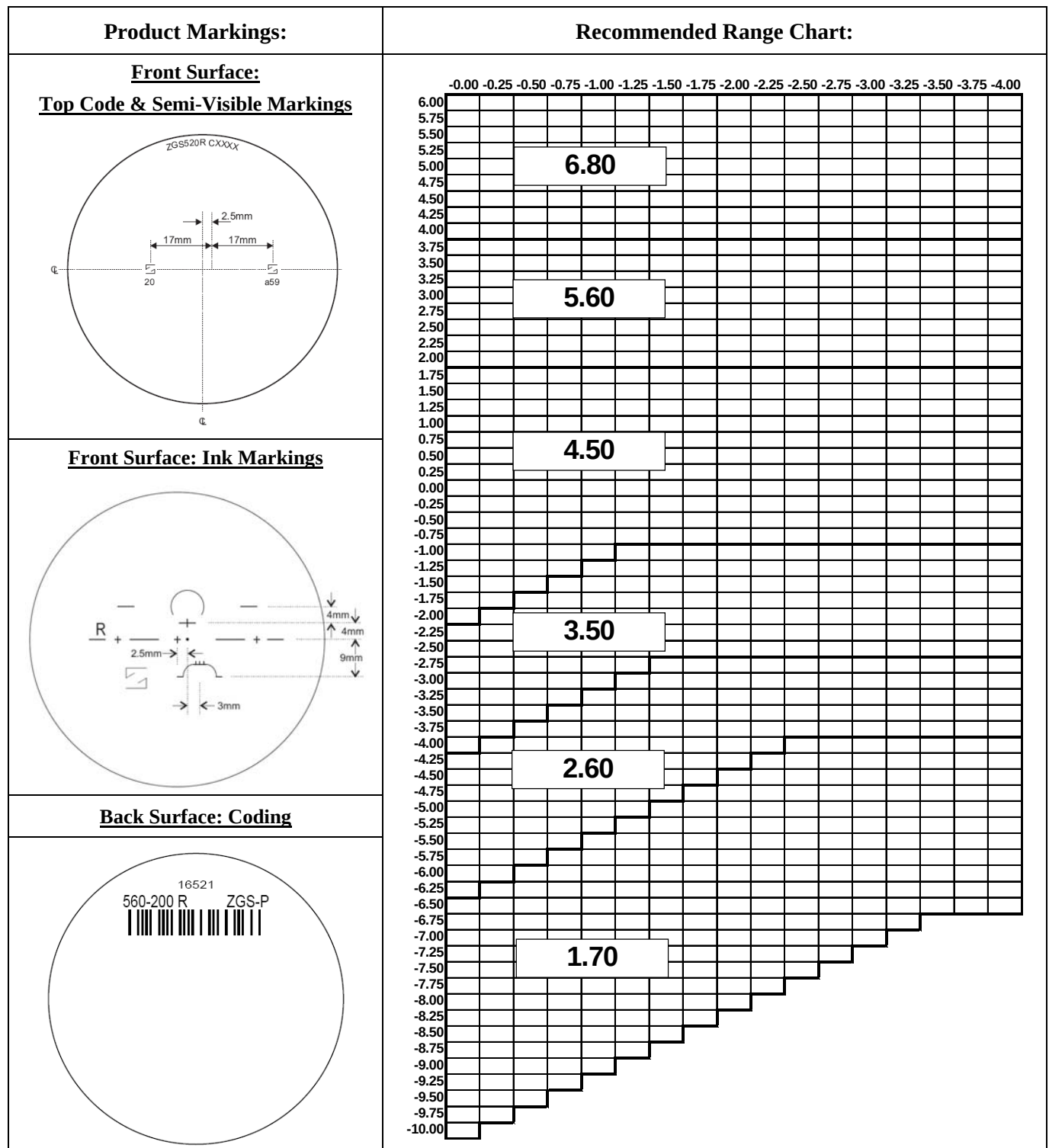
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Surfacing:

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 +2.00	1.5 *	1.5 *
+2.25 to +4.00		1.0
+4.25 to +6.00		0.5

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

PRODUCT FACT SHEET



PhotoFusion® Lenses by ZEISS

Substrate : **POLYCARBONATE PhotoFusion®**
 Product Name : **ZEIS GT2 SHORT PROGRESSIVE**
 Product type : **SEMI-FINISHED BLANKS**
 Reference : Z00312.FS2
 Date : 22 March 2012

Page : 1 of 2

Product Range:

Colour:	Brown	Grey
CAT Code:	F68	F67

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Recommended Rx Range (D)
72/77	1.70	1.00 to 3.00	-10.00 to -6.50
72/77	2.60	1.00 to 3.00	-6.25 to -4.25
72/77	3.50	1.00 to 3.00	-4.00 to -2.25
72/77	4.50	1.00 to 3.00	-2.00 to +1.75
72/77	5.60	1.00 to 3.00	+2.00 to +3.75
72/77	6.80	1.00 to 3.00	+4.00 to +6.00

Material & Coating Specifications:

Type	Polycarbonate
Refractive Index	$n_d = 1.586$ $n_e = 1.590$
Abbe Number	$v_d = 30$ $v_e = 29$
Density	1.20 g.cm^{-3}
UV Protection (ISO)	UVA : 100 %, UVB : 100 % Coated : 2.0 mm Centre Thickness
Coating Type	Hard Coated

Blank Information:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ($\pm 1.0\text{mm}$)	Nominal Edge Thickness (mm)
1.70	1.75	302.86	-5.75	7.7	12.6
2.60	2.60	203.85	-5.75	7.7	11.7
3.50	3.47	152.74	-5.75	8.2	10.9
4.50	4.46	118.83	-5.75	8.3	9.6
5.60	5.48	96.72	-8.00	11.2	14.7
6.80	6.83	77.60	-8.00	11.3	12.7

For External Distribution

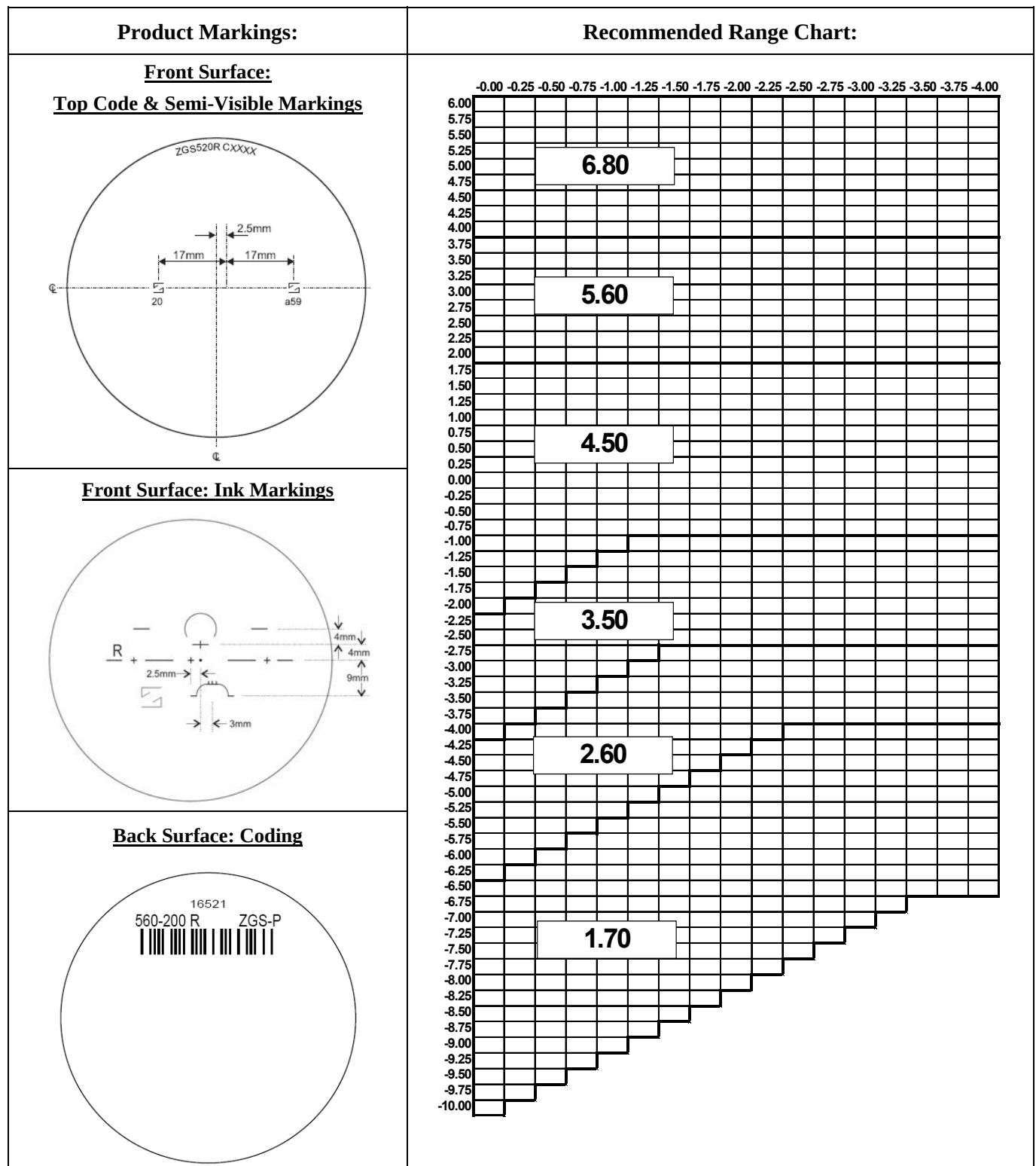
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 PhotoFusion is a registered trademark of Carl Zeiss Vision International GmbH.

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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 +2.00	1.5 *	1.5 *
+2.25 to +4.00		1.0
+4.25 to +6.00		0.5

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

Substrate : **POLYCARBONATE POLARIZED**
 Product Name : **GT2 SHORT POLY POLARIZED GRAY** **Cat Code: T93**
 Product Type : **SEMI-FINISHED BLANKS**
 Reference : Z00081.FS2
 Date : 20 Apr 2009 Page : 1 of 3

Marketing Region: North America – Coated Product

Product Range:

Nominal Diameter	Nominal Base Curve (D)	Add Power Range (D)	Rx Range Recommended (D)
75	1.70	1.00 to 3.00	–10.00 to –6.50
75	2.60	1.00 to 3.00	–6.25 to –4.25
75	3.50	1.00 to 3.00	–4.00 to –2.25
75	4.50	1.00 to 3.00	–2.00 to +1.75
75	5.60	1.00 to 3.00	+2.00 to +3.75
75	6.80	1.00 to 3.00	+4.00 to +6.00

Material Specification:

Type	Polycarbonate
Refractive Index	$\eta_d = 1.586$ (Helium 'd' line 587.56nm) $\eta_e = 1.590$ (Mercury 'e' line 546.07nm)
Abbe Number	$v_d = 30$ $v_e = 29$
Density	1.20 g.cm^{-3}

Coating Specification:

Site	Type
Younger Optics	Hard Coated (Younger Resin, non-tintable) Front Side

Surfacing:

Recommended centre & edge thickness for all regions:

Power Range (D)	Minimum Centre Thickness (mm)	Minimum Edge Thickness (mm)
–10.00 to –8.25	1.5	
–8.00 to –7.00	1.4	
–6.75 to –1.25	1.3	
–1.00 to +0.00	1.4 to 2.0	
+0.25 to +6.00		1.9 to 0.6

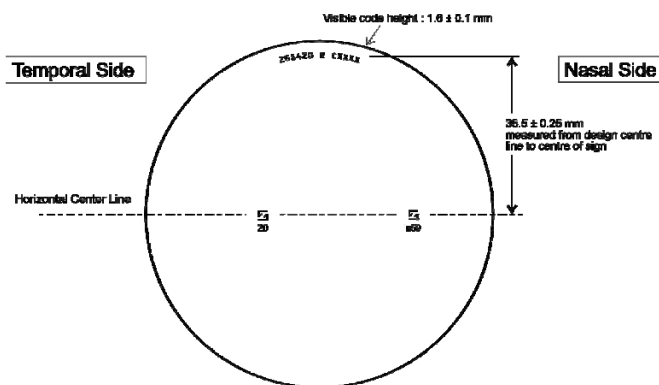
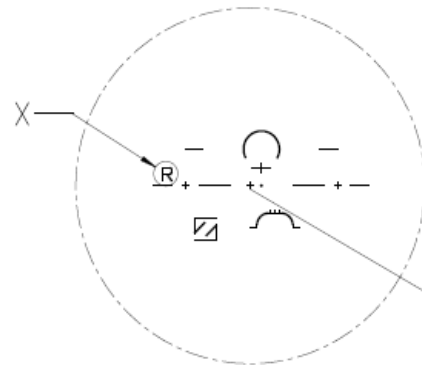
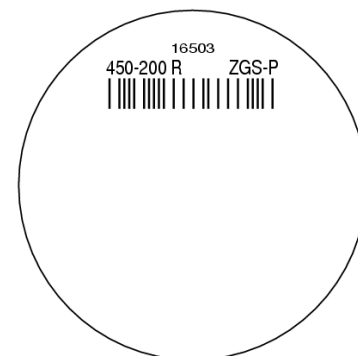
For External Distribution

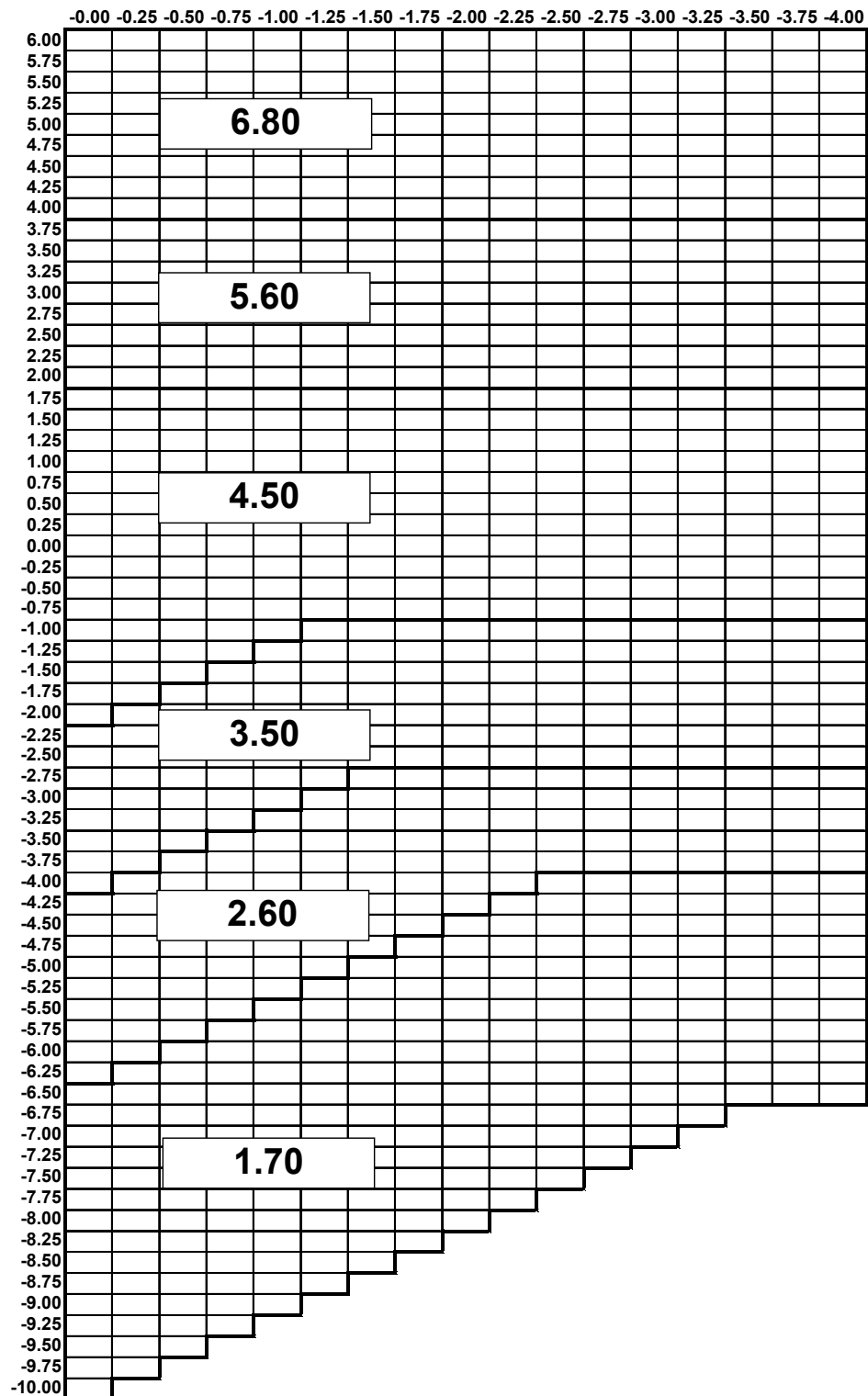
Blank Geometry: (As measured in 1.530 R.I.)

Nominal Base	True Front Curve (D) (1.530)	TFC Radii (mm)	Nominal Back Curve (D)	Center Thickness (mm)	Nominal Edge Thickness at 'A' (mm)
1.70	1.72	306.14	-4,25	10.0 ± 1.00	13.0 ± 1.00
2.60	2.55	207.03	-5,75	9.0 ± 1.00	13.0 ± 1.00
3.50	3.48	152.30	-5,75	10.8 ± 1.00	13.0 ± 1.00
4.50	4.44	118.83	-5,75	9.5 ± 1.00	10.0 ± 1.00
5.60	5.48	96.72	-6,15	13.5 ± 1.00	13.5 ± 1.00
6.80	6.80	77.83	-7,69	10.6 ± 1.00	11.6 ± 1.00

Note 1: Blank thickness is determined by **centre thickness**.

Note 2: Blanks having visually uneven edge thickness shall be checked for prism.

Product Markings:Front Surface:
Semi-Visible MarkingsFront Surface: Ink Markings
(Coated: yellow solvent based)Back Surface : Coding

Recommended Range Chart:



PRODUCT FACT SHEET

Substrate	:	POLYCARBONATE TRANSITIONS® SIGNATURE VII		
Product Name	:	ZEISS GT2 SHORT PROGRESSIVE		
Product type	:	SEMI-FINISHED BLANKS		
Reference	:	Z00542.FS1		
Date	:	04 December 2013	Page	: 1 of 3

Product Range:

Product:	Gray HC	Brown HC
LGC:	L6443	L6442
Cat Code:	V62	V61

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Recommended Rx Range (D)
72/77	1.70	1.00 to 3.00	-10.00 to -6.50
72/77	2.60	1.00 to 3.00	-6.25 to -4.25
72/77	3.50	1.00 to 3.00	-4.00 to -2.25
72/77	4.50	1.00 to 3.00	-2.00 to +1.75
72/77	5.60	1.00 to 3.00	+2.00 to +3.75
72/77	6.80	1.00 to 3.00	+4.00 to +6.00

Material & Coating Specifications:

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

For External Distribution

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Reference	:	Z00539.FS1			
Date	:	04 December 2013	Page	:	2 of 3

Blank Information:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ($\pm 1.0\text{mm}$)	Nominal Edge Thickness at 'A' (mm)
1.70	1.75	302.86	-5.75	7.7	12.6
2.60	2.60	203.85	-5.75	7.7	11.7
3.50	3.47	152.74	-5.75	8.2	10.9
4.50	4.46	118.83	-5.75	8.3	9.6
5.60	5.48	96.72	-8.00	11.2	14.7
6.80	6.83	77.60	-8.00	11.3	12.7

Surfacing:

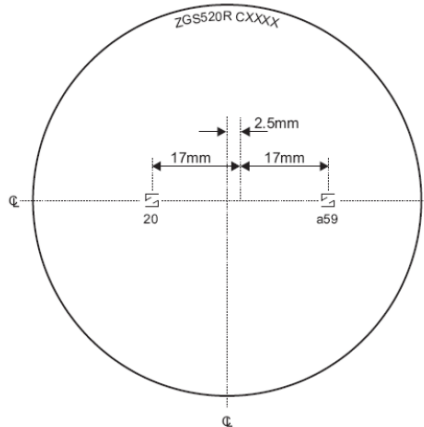
Recommended centre & edge thicknesses for all regions:

Power Range (D)	Minimum Centre Thickness (mm)	Minimum Edge Thickness (mm)
-10.00 to -2.00	1.5	
-1.75 to +2.00	1.5 or *	1.5 *
+2.25 to +4.00		1.0
+4.25 to +6.00		0.5

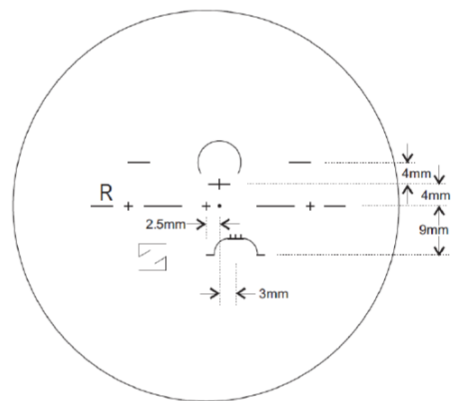
* Thicknesses are based on whichever is the limiting factor.

Product Markings:

Front Surface: Top Code Only



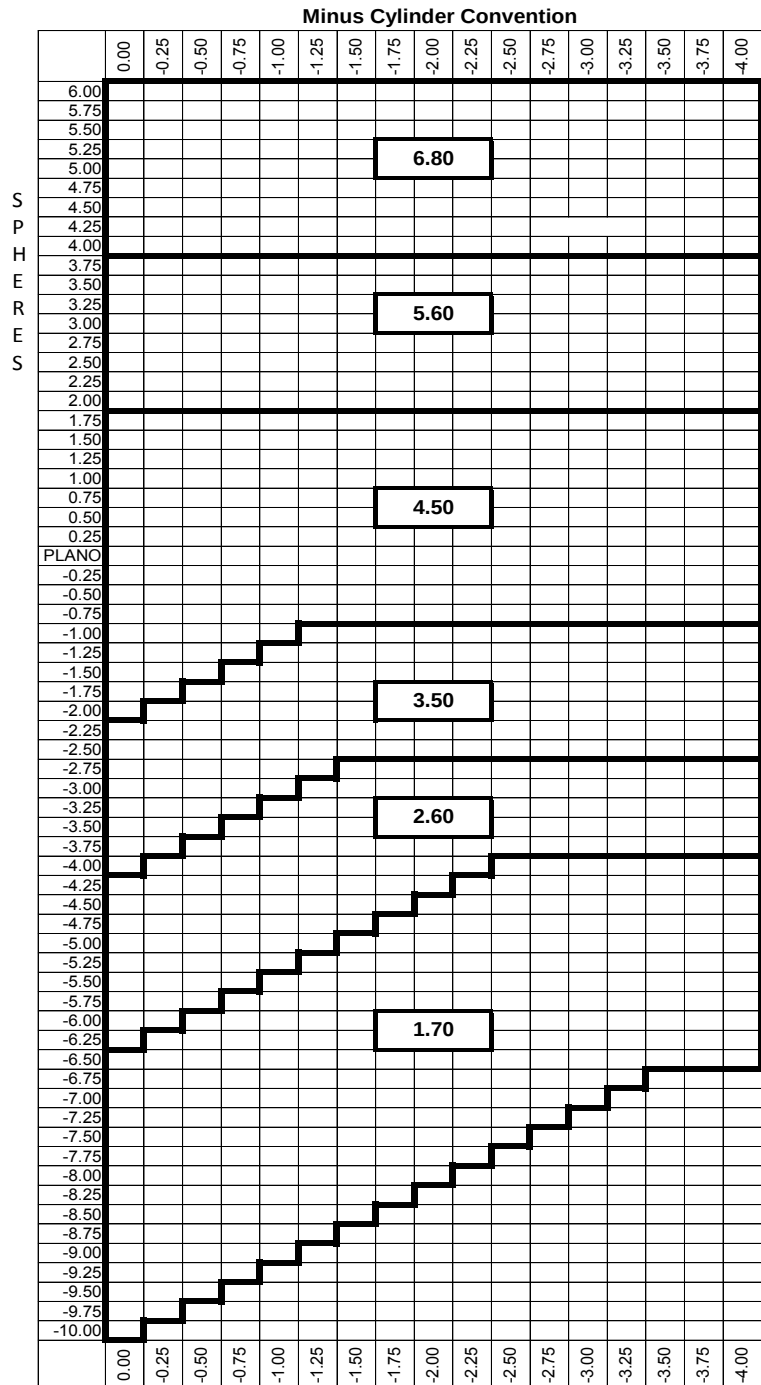
Ink Markings:



Back Surface Coding:



Recommended Range Chart:



Substrate	:	HARD RESIN	
Product Name	:	1.5 GT2 SHORT	Cat Code: T86
Product Type	:	SEMI-FINISHED BLANKS	
Reference	:	Z00070.FS1	
Date	:	17.12.2008	Page : 1 of 3

Marketing Regions: North America – Coated Product

Product Range:

Nominal Diameter	Nominal Base Curve (D)	Add Power Range (D)	Rx Range Recommended (D)
72	2.00	0.75 to 3.50	−10.00 to −6.50
72	3.00	0.75 to 3.50	−6.25 to −4.25
72	4.00	0.75 to 3.50	−4.00 to −2.25
72	5.00	0.75 to 3.50	−2.00 to +1.75
72	6.10	0.75 to 3.50	+2.00 to +3.75
72	7.50	0.75 to 3.50	+4.00 to +6.00

Material Specifications:

Type	CR-39	
Refractive Index	$\eta_d = 1.499$ (Helium 'd' line 587.56nm) $\eta_e = 1.500$ (Mercury 'e' line 546.07nm)	
Abbe Number	$v_d = 58$ $v_e = 56$	
Density	1.32 g.cm ⁻³	
Transmittance ⁽¹⁾	≥ 90.0%	Measured on any Spectrophotometer with traceable calibration.
Yellowness Index ⁽¹⁾	Coated, $0.0 \leq YI_E \leq 1.0$ Uncoated, $0.0 \leq YI_E \leq 0.8$	Measured on any Spectrophotometer with traceable calibration (Referenced to ASTM D 1925)
Haze ⁽¹⁾	Uncoated : ≤ 0.5 Coated : ≤ 0.6	Measured on any transmittance instrument which directly correlates to the R&D Australia HunterLab UltraScan XE.
UV Transmittance	<2%T from 350 to 280 nm	

Coating Specifications:

Commercial name	Commercial Resin Code	Coating Thickness (μm)
Ultra-Tough [®] (Non tintable)	SDC 1193	1.1 to 1.5

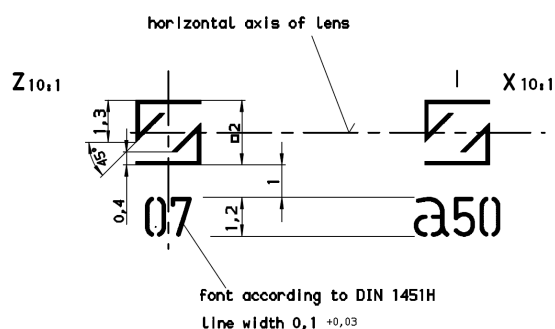
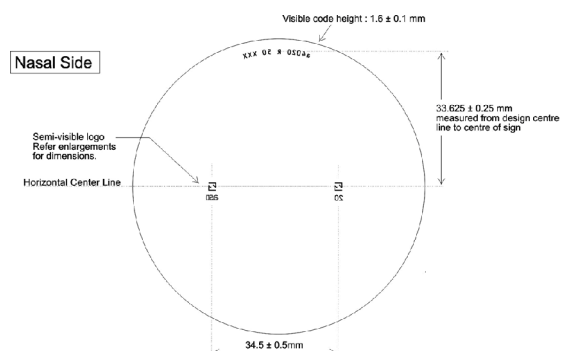
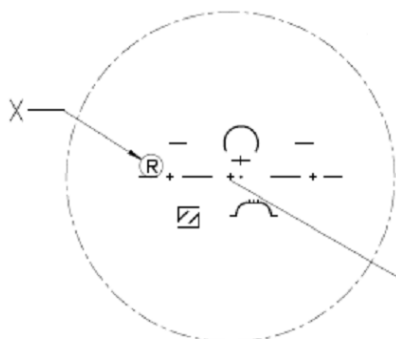
For External Distribution

Blank Geometry: (As measured in 1.530 R.I.)

Nominal Base	True Front Curve (D) (1.530)	Sag Value @ 50mm	TFC Radii (mm)	Nominal Back Curve (D)	Center Thickness (mm)	Nominal Edge Thickness at 'A' (mm)
2.00	2.01	1.19	263.68	-3.0	15.7	15.7
3.00	2.98	1.77	177.85	-3.0	17.5	16.3
4.00	4.00	2.38	132.50	-6.0	14.1	15.3
5.00	4.95	2.96	107.07	-6.0	14.9	14.8
6.10	6.07	3.66	87.32	-6.0	13.1	11.6
7.50	7.31	4.45	72.50	-6.0	13.0	10.0

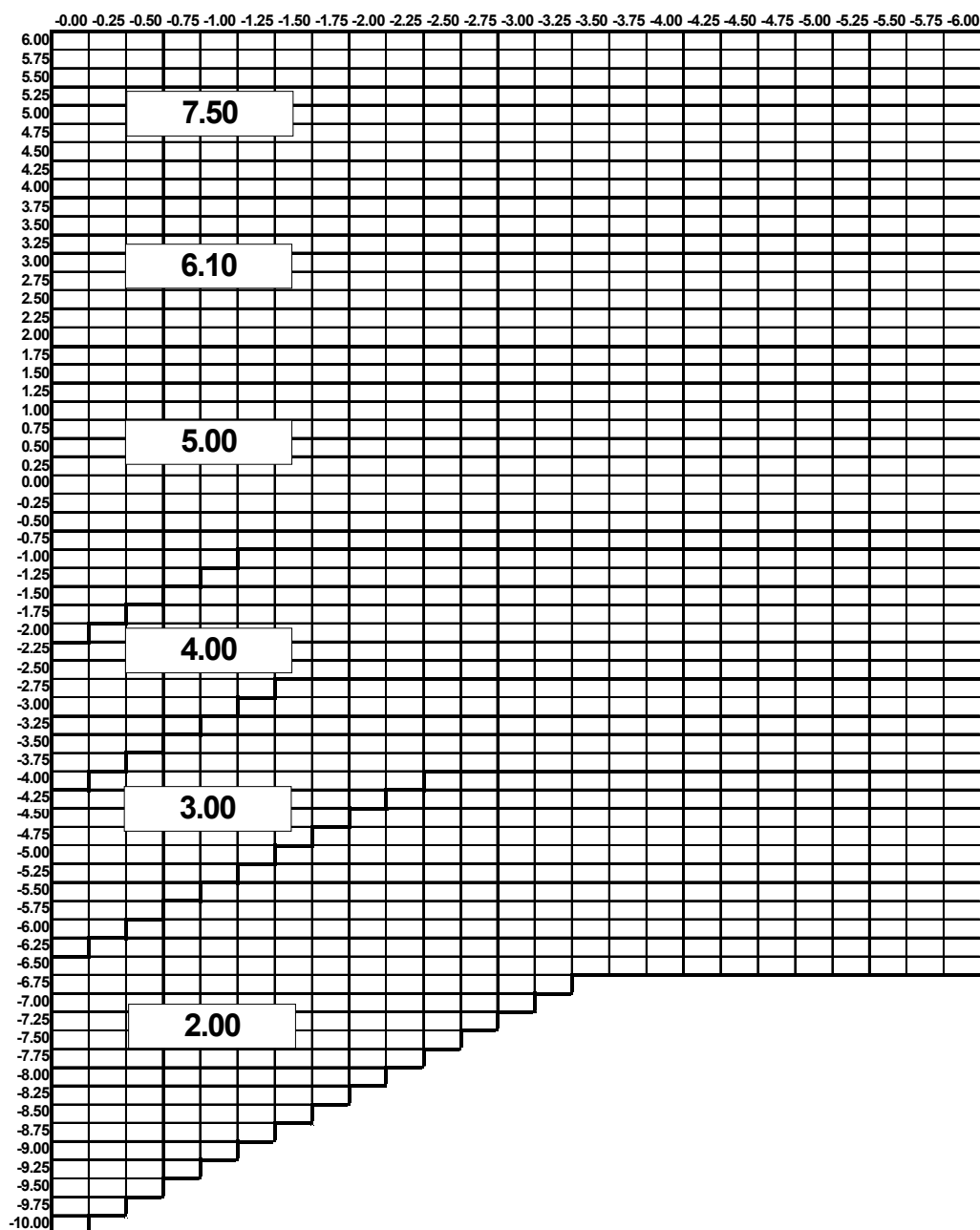
Note 1: Blank thickness is determined by **centre thickness**.

Note 2: Blanks having visually uneven edge thickness shall be checked for prism.

Product Markings:Front Surface:Visible MarkingsFront Surface: Ink Markings
(Coated: yellow solvent based)Back Surface: Coding

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

Power Range (D)	Minimum Centre Thickness (mm)	Minimum Edge Thickness (mm)
-10.00 to -0.75	1.8	
-0.50 to +0.00	1.9 to 2.0	
+0.25 to +6.00		1.9 to 0.6

Recommended Range Chart:

PRODUCT FACT SHEET



PhotoFusion® Lenses by ZEISS

Substrate : **HARD RESIN PhotoFusion®**
Product Name : **ZEISS GT2 SHORT PROGRESSIVE**
Product type : **SEMI-FINISHED BLANKS**
Reference : Z00308.FS3
Date : 22 March 2012

Page : 1 of 2

Product Range:

Colour:	Brown	Grey
CAT Code:	F78	F77

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Recommended Rx Range (D)
72/77	2.00	1.00 to 3.00	-10.00 to -6.50
72/77	3.00	1.00 to 3.00	-6.25 to -4.25
72/77	4.00	1.00 to 3.00	-4.00 to -2.25
72/77	5.00	1.00 to 3.00	-2.00 to +1.75
72/77	6.10	1.00 to 3.00	+2.00 to +3.75
72/77	7.50	1.00 to 3.00	+4.00 to +6.00

Material & Coating Specifications:

Type	CR-39®	
Refractive Index	$n_d = 1.499$	$n_e = 1.500$
Abbe Number	$v_d = 58$	$v_e = 56$
Density	1.32 g.cm^{-3}	
UV Protection (ISO)	100% UVA and 100% UVB Coated , Activated : 2.0mm Centre Thickness	
Coating Type	Hard Coated	

Blank Information:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ($\pm 1.0\text{mm}$)	Nominal Edge Thickness (mm)
2.00	2.01	263.68	-3.0	15.7	15.7
3.00	2.98	177.85	-3.0	17.5	16.3
4.00	4.00	132.50	-6.0	14.1	15.3
5.00	4.93	107.51	-6.0	14.9	14.8
6.10	6.07	87.32	-6.0	13.1	11.6
7.50	7.27	72.90	-6.0	13.0	10.0

For External Distribution

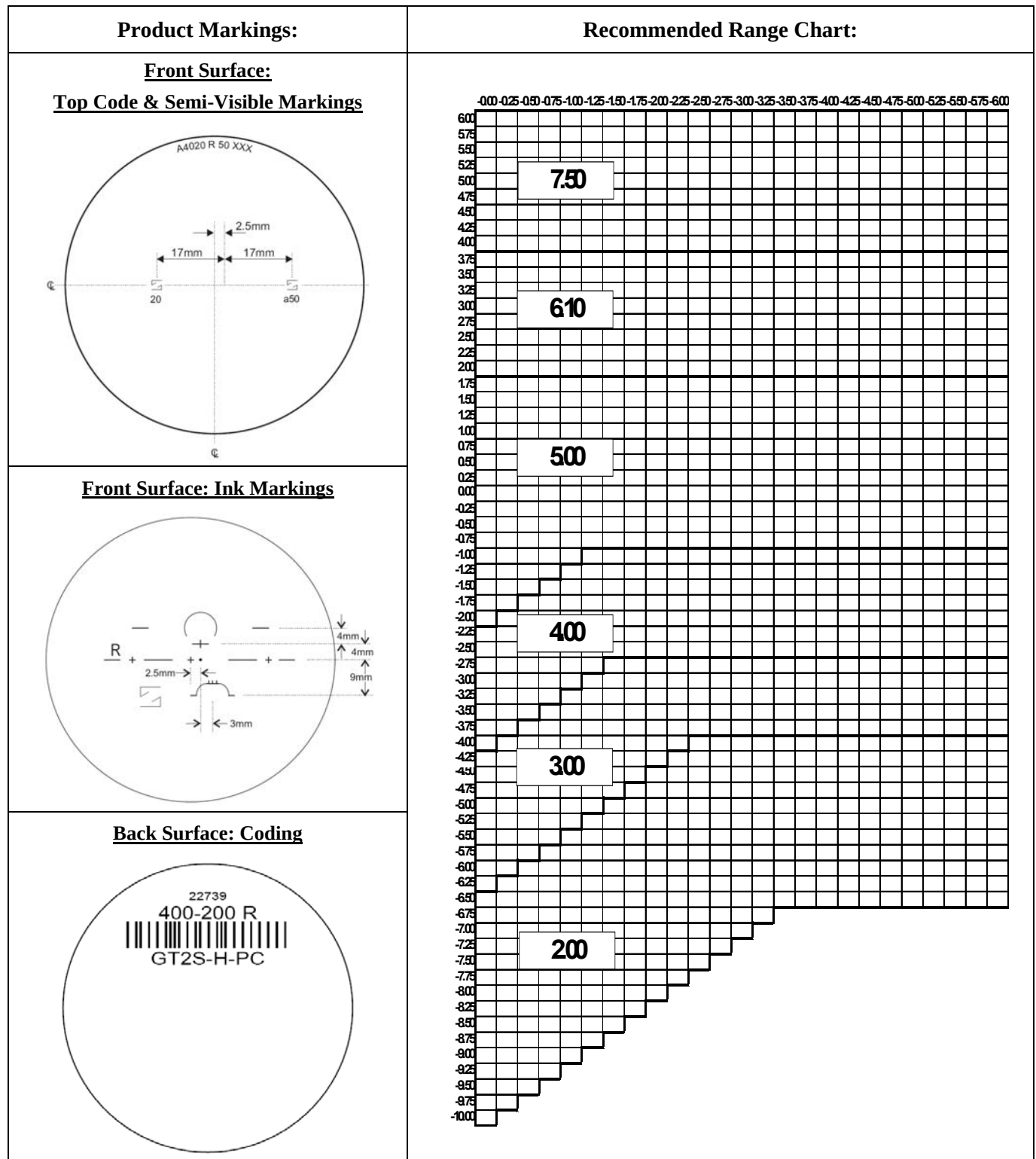
©2012 Carl Zeiss Vision International GmbH
PhotoFusion is a registered trademark of Carl Zeiss Vision International GmbH.
CR-39 is a registered trademark of PPG Industries Inc.

Surfacing:

Recommended centre & edge thicknesses:

Power Range (D)	USA Market Minimum Centre Thickness (mm)	Int'l Market Minimum Centre Thickness (mm)	All Markets Minimum Edge Thickness (mm)
-10.00 to -2.00	2.0	1.5	
-1.75 to +2.00	2.0 or *	2.0 or *	1.0 *
+2.25 to +6.00			1.0

*Thicknesses are based on whichever is the limiting factor





PRODUCT FACT SHEET

Substrate	:	1.5 TRANSITIONS® SIGNATURE VII		
Product Name	:	ZEISS GT2 SHORT PROGRESSIVE		
Product type	:	SEMI-FINISHED BLANKS		
Reference	:	Z00541.FS1		
Date	:	04 December 2013	Page	: 1 of 3

Product Range:

Product:	Gray HC	Brown HC
LGC:	L6414	L6413
Cat Code:	V57	V56

Nominal Diameter (mm)	Nominal Base Curve (D)	Add Power Range (D)	Recommended Rx Range (D)
72/77	2.00	1.00 to 3.00	-10.00 to -6.50
72/77	3.00	1.00 to 3.00	-6.25 to -4.25
72/77	4.00	1.00 to 3.00	-4.00 to -2.25
72/77	5.00	1.00 to 3.00	-2.00 to +1.75
72/77	6.10	1.00 to 3.00	+2.00 to +3.75
72/77	7.50	1.00 to 3.00	+4.00 to +6.00

Material & Coating Specifications:

Type	CR-607®
Refractive Index	$n_d = 1.497$ $n_e = 1.499$
Abbe Number	$v_d = 61$ $v_e = 57$
Density	1.27 g.cm ⁻³
UV Protection (ISO)	Activated: 2.0mm Centre Thickness. UVA: 100 %, UVB: 100 %
Coating Type	Coated

For External Distribution

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CR-607 is a registered trademark of PPG Industries Inc
Transitions is a registered trademark of Transitions Optical Inc.

Reference	:	Z00541.FS1			
Date	:	04 December 2013	Page	:	2 of 3

Blank Information:

Nominal Base	True Front Curve (D) (1.530)	Radii (mm)	Nominal Back Curve (D)	Centre Thickness ($\pm 1.0\text{mm}$)	Nominal Edge Thickness at 'A' (mm)
2.00	2.01	263.68	-3.00	15.7	15.7
3.00	2.98	177.85	-3.00	17.5	16.3
4.00	4.00	132.50	-6.00	14.1	15.3
5.00	4.95	107.07	-6.00	14.9	14.8
6.10	6.07	87.32	-6.00	13.1	11.6
7.50	7.31	72.50	-6.00	13.0	10.0

Surfacing:

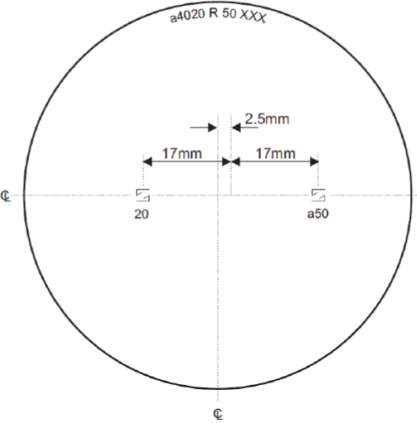
Recommended centre & edge thicknesses for all regions:

Power Range (D)	Minimum Centre Thickness (mm)	Minimum Edge Thickness (mm)
-10.00 to -2.00	2.0	
-1.75 to +2.00	2.0 or *	1.0 *
+2.25 to +4.00		1.0
+4.25 to +6.00		0.5

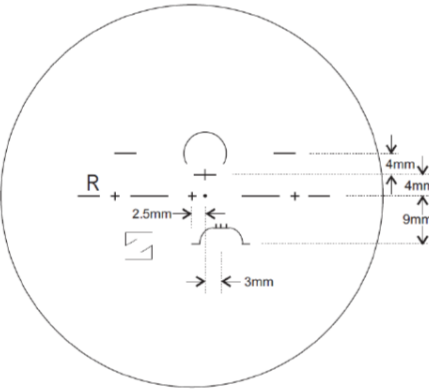
* Thicknesses are based on whichever is the limiting factor.

Product Markings:

Front Surface: Top Code Only



Ink Markings:



Back Surface Coding:



Recommended Range Chart:

