



Access - Fact Sheets

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Substrate	:	POLYCARBONATE	
Product Name	:	ACCESS™ ENHANCED SINGLE VISION	
Product Type	:	SEMI-FINISHED BLANKS	Cat Codes: PG-578 UT-330
Reference	:	F0102207_5	
Date	:	25 May 2007	Page : 1 of 2

Design: Near vision lens with extended intermediate viewing zone.

Product Range:

Nominal Diameter	Nominal Near Base Curve (D)	Dynamic Range (D) – Relative To Near	Rx Range Recommended (D)
80 mm	5.00	-0.75	-2.00 to +4.00
80 mm	5.00	-1.25	-2.00 to +4.00

Material & Coating Specifications:

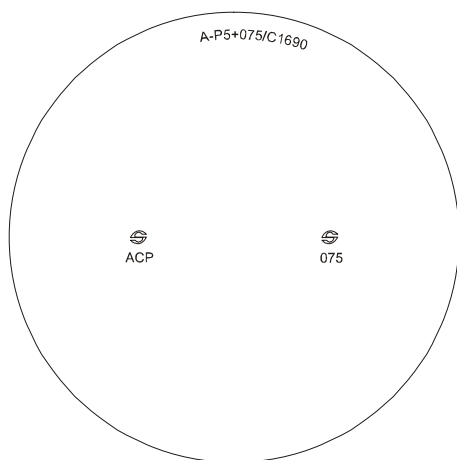
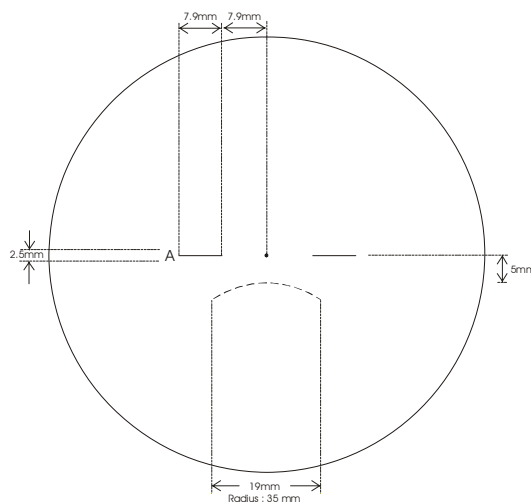
Type	Polycarbonate
Refractive Index	$\eta_d = 1.586$ $\eta_e = 1.590$
Abbe Number	$v_d = 30$ $v_e = 29$
Density	1.20 g.cm ⁻³
UV Protection (ISO)	Coated : 1.5 mm centre Thickness UVA : 100 % UVB : 100 %
Coating Type	Perma-Gard™ and Ultra Tough™

Blank Information:

Base	Radius (mm)	True Front Curve (D) (1.530)	True Front Curve (D) (1.586)	Central Curve Sag @ 50mm (mm)	Nominal Back Curve (D) (1.530)	Centre Thickness (±1mm)	Nominal Distance Edge Thickness	Nominal Near Edge Thickness *	Nominal Packaged Weight (g)
5.00	107.07	4.95	5.47	2.96	-5.75	10.7	13.7	12.5	87

* Measured at the **near** edge of the blank.

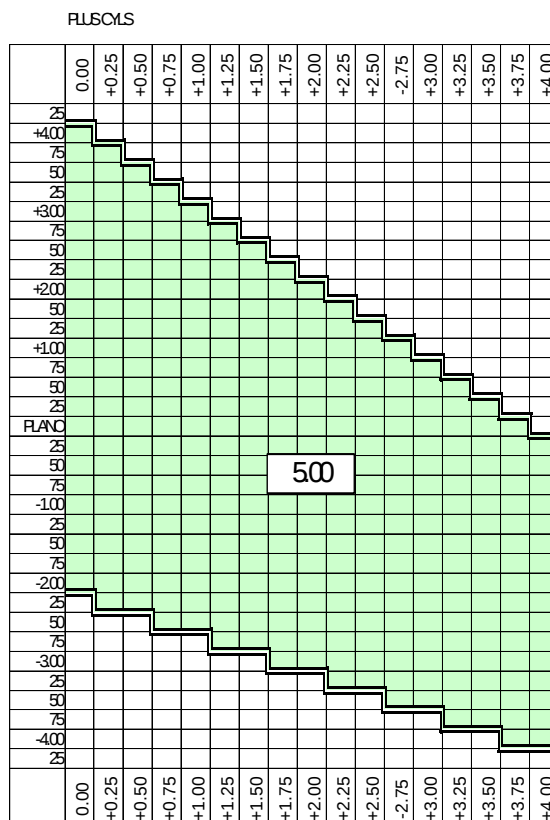
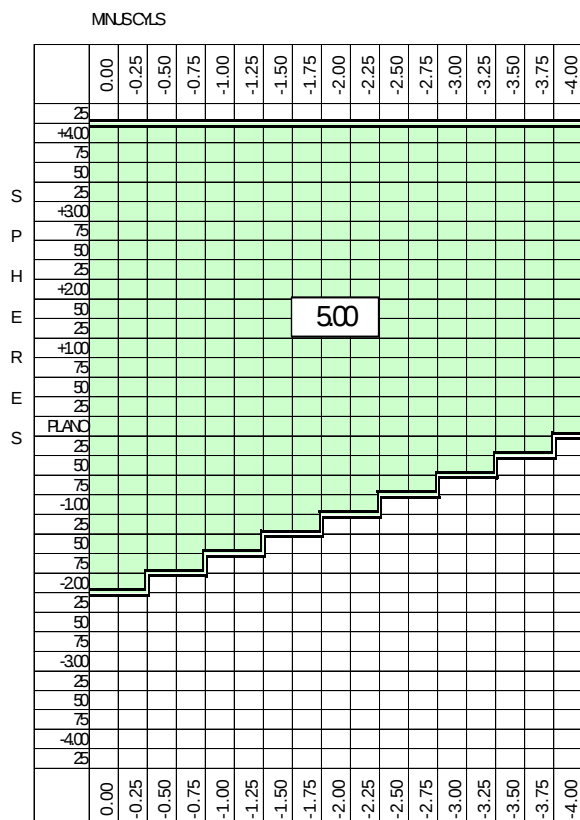
For External Distribution

Product Markings:**Front Surface:**
Semi-Visible Markings**Front Surface: Ink Markings**
(Yellow Solvent)**Surfacing:**

Recommended centre and edge thicknesses:

Rx Range (D)	Minimum Centre Thickness (mm)	Minimum Edge Thickness (mm)
-2.00 to +2.00	1.5 *	1.0
+2.25 to +4.00		0.5

* Thicknesses are based on whichever is the limiting factor



Substrate	:	HARD RESIN	
Product Name	:	ACCESS™ ENHANCED SINGLE VISION	
Product Type	:	SEMI-FINISHED BLANKS	Cat Code: 575
Reference	:	F5113619_8	
Date	:	30 May 2007	Page : 1 of 2

Design: Near vision lens with extended intermediate viewing zone.

Product Range:

Nominal Diameter		Nominal Base Curve (D)	Dynamic range (D)	Recommended Near Rx Range (D)
Coated	Uncoated			
78mm	75mm	3.00	0.75 and 1.25	-6.00 to -2.25
78mm	75mm	5.00	0.75 and 1.25	-2.00 to +4.00
78mm	75mm	9.00	0.75 and 1.25	+4.25 to +6.00

Material & Coating Specifications:

Type	Hard Resin	
Refractive Index	$\eta_d = 1.499$	$\eta_e = 1.500$
Abbe Number	$v_d = 58$	$v_e = 56$
Density	1.32 g.cm ⁻³	
UV Protection (ISO)	Coated : 1.5 mm centre Thickness UVA : 100 % UVB : 100 %	
Coating Type	Perma-Gard™ (Uncoated also available)	

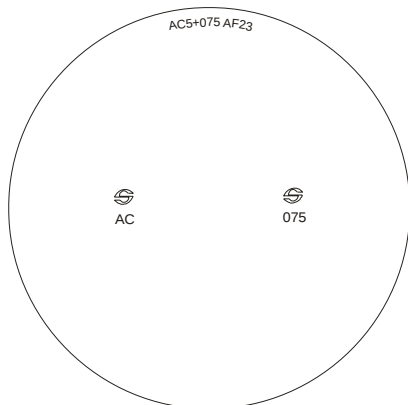
Blank Information:

Base	Radius (mm)	True Front Curve (D) (1.530)	True Front Curve (D) (1.499)	Central Curve Sag @ 50mm (mm)	Nominal Back Curve (D) (1.530)	Centre Thickness (±1mm)	Nominal Distance Edge Thickness		Nominal Packaged Weight (g)	
							78mm diameter	75mm diameter	78mm diameter	75mm diameter
3.00	176.66	3.00	2.82	1.78	-3.00	12.0	14	14	90	84
5.00	106.00	5.00	4.71	2.99	-3.00	11.7	11	11	80	75
9.00	58.88	9.00	8.47	5.57	-6.00	10.0	7	7	63	60

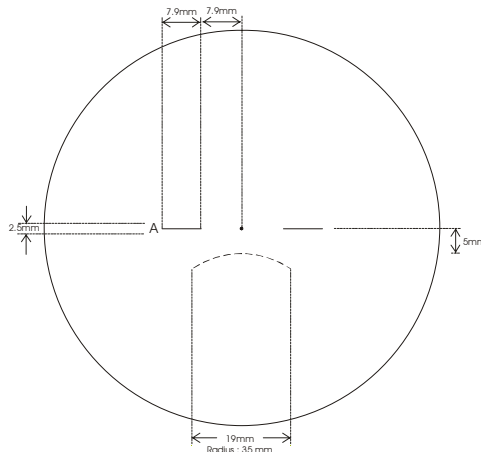
For External Distribution

Product Markings:

Front Surface:
Semi-Visible Markings



Front Surface: Ink Markings
(Coated : Yellow Solvent Based)
(Uncoated : Yellow Water Based)



Back Surface: Coding
Barcodes in some Regions

**Surfacing:**

Recommended centre and edge thicknesses:

Rx Range (D)	Minimum Centre Thickness (mm)	Minimum Edge Thickness (mm)
-6.00 to -2.25	1.5	
-2.00 to +2.00	1.8 *	1.0 *
+2.25 to +6.00		0.5

* Thicknesses are based on whichever is the limiting factor

