



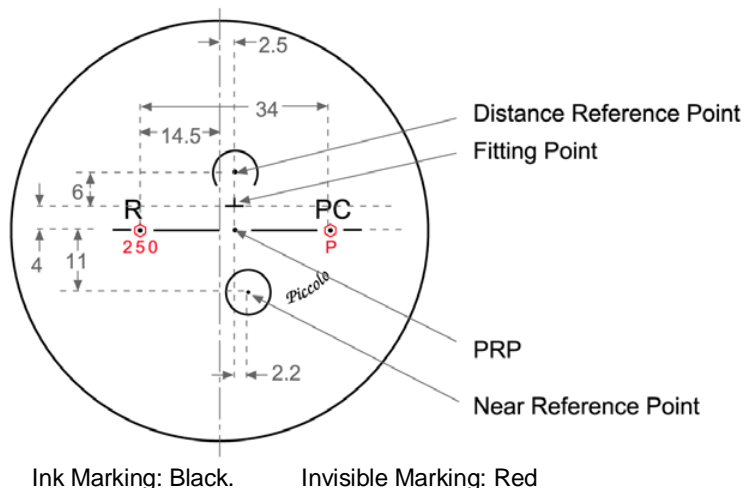
**Polycarbonate 1.586**

**Poly Plus**

**Transitions**

**Material Data:**

<b>Index Nd</b>	1.586
<b>Abbe Value Nd</b>	30.0
<b>Density gr/cm<sup>3</sup></b>	1.20



Minimum Fitting Height: 16mm	PRP Decentration: 2.5mm	Fitting Point: 4mm above PRP
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**\* Do not sag! Use printed sag values for power calculations only.  
Minimum Center Thickness for Surfacing 1.2mm**

**Blank Specifications**

Nominal Base	True Base 1.530	Base Radius [mm]	Sag 50mm*	Concave Curve	CT [mm]	ET [mm]	Diameter	Add Powers
1.50	1.42	373.24	0.84	2.00	11.1	11.0	80/85	1.00 – 3.00
3.00	3.27	162.08	1.94	3.00	9.1	7.8	80/85	1.00 – 3.00
5.00	5.27	100.57	3.15	5.50	7.6	6.8	80/85	1.00 – 3.00
7.50	7.21	73.51	4.38	7.50	11.2	10.0	80/85	1.00 – 3.00

**Prescription Range - Sphere: -8.50[D] to +6.00[D] Cylinder: up to -6.00[D]**

Nominal Base	Power Range
1.50	-8.50 to -6.25
3.00	-6.00 to -2.00
5.00	-1.75 to +2.25
7.50	+2.50 to +6.00