

Hyper Lite 1.60/42 Spherical Single Vision Polarized Blank

Diameter (mm)	Nominal convex curve (D)	Power range at main meridian (D)	Actual convex curve (N=1.53) (D)	Radius of lens curvature R1 (mm)	Radius of film curvature R1 (mm)	Sagitta depth gauge 50mm bell (mm)
75	1.25	-7.25 to -10.00	1,12	475,34	219,26	0,658
75	2.25	-4.25 to -7.00	2,03	261,73	219,26	1,197
75	4.25	-4.00 to +2.50	3,80	139,66	133,44	2,256
75	6.75	+2.75 to +4.50	5,87	90,24	90,21	3,532
75	9.50	+4.75 to +8.00	8,13	65,22	65,22	4,982

Visual Transmittance (550nm):

Grey 15% / Brown 15%

Degree of polarization:

99,90%

UV Cut:

UV400

Polarized Film position:

Center:

0.5mm - 1.0mm from front surface

Edge:

1.25 Base: 2.4mm - 2.9mm from front surface

2.25 Base: 1.2mm - 1.8mm from front surface

4.25 - 9.50 Base: 0.5mm - 1.0mm from front surface

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Nominal concave curve (N=1.53) (D)	Center thickness (mm)	Edge thickness (mm)
6,9	7,8	16,1
6,9	7,9	15,0
6,9	8,2	12,9
4,8	9,0	7,4
4,8	12,2	6,9