ALGARY
Free - Form Lenses

Power Range Guidelines

Calgary HD, Calgary World Wide & Digital Superior
SV & Occupational

	All Progressive designs	Standard	Wrap Compensated SV	Occupational
Materials	all Corridors	Aspheric SV	4.00-8.00 Base Only	Office Lens
1,5	+9.00 to -8.50	+9.00 to -12.00	+7.00 to -6.00	+5.00 to -6.00
Trivex	+8.00 to -8.50	+8.00 to -10.00	+7.00 to -6.00	+5.00 to -6.00
Mid-Index	+9.00 to -9.00	+9.00 to -12.00	+7.00 to -6.00	+5.00 to -6.00
Poly	+9.00 to -8.50	+9.00 to -14.00	+7.00 to -6.00	+7.00 to -9.00
1,6	+9.00 to -10.00	+9.00 to -14.00	+7.00 to -6.00	+8.00 to -6.00
1,67	+12.00 to -11.00	+12.00 to -16.00	+7.00 to -6.00	+8.00 to -6.00
1,74	+12.00 to -12.00	+12.00 to -20.00	+7.00 to -6.00	+8.00 to -6.00

Combined Powers

These ranges represent combined power limits - see examples below:

Postive Cylinders	in the Distance region	= Sphere + Cylinder
Postive Cylinders	in the Near region	= Sphere + Cylinder + Add
Negative Cylinders	in the Distance region	= Sphere
Negative Cylinders	in Near region	= Sphere + Add

			Combined Power	Combined Power
Sphere	Cylinder	Add	Distance	Near
-2.00	-1.00	2.0	-2.00	Zero
+2.00	+1.00	1.0	+3.00	+4.00
-2.00	+1.00	3.0	-1.00	+2.00
+3.00	-2.00	4.0	+3.00	+7.00

Adds	Adds are currently available from +1.00 to +4.50	*These ranges are general guidelines.
Cylinders	Cylinders -.12 to -5.00 all products	*These ranges are general guidelines.
Materials	Ranges will be reduced by all Polarized, Transitions and Photochromics lenses.	

Calgary HD, Calgary World Wide and Digital Superior designs have no range limits but the general limit is around -14D although it depends on each specific device.

Sphere	Cylinder	Add	Total	
-11.00	+3.00	0.00	-11.00	OK
-11.00	-3.00	0.00	-14.00	At limit
-11.00	-3.00	2.00	-12.00	OK

Base Curves & Blank Selection	On positive (+) lenses, the bioconvexity limit can be upto 10 Base Curve. But the Sphere and the Add must total less than the Base Curve. E.G. Sphere +4 with +3 Add < Base curve