

EYEPOINT TECHNOLOGY®

The starting point for every pair of customized progressive lenses

Shamir's technology breakthrough, EyePoint Technology® is a radical departure from conventional eyeglass lens analysis tools. Ensuring accurate design and analysis, it enables the development and manufacture of sophisticated, tailor-made progressive lenses.

The key element behind Shamir's EyePoint Technology® is a dedicated wave front analysis algorithm written by Shamir scientists. Combining lens surface topography data with a highly advanced mathematical algorithm, this sophisticated technology calculates the optical performance of thousands of locations covering the progressive lens surface. The technology takes into account dozens of parameters, from lens prescription, refraction index and center thickness, to distance of lens from eye, viewing angle, tilt of frame, and much more.

An optimization technology, based on this algorithm and these parameters, forms the design basis of all Shamir products.



AS-WORN TECHNOLOGY™

Adapting the lens to the way it's worn

Shamir's unique As-Worn Technology™ bridges the geometric gap between the trial frame used by the optometrist when measuring the patient's prescription, and the actual frame chosen by the patient.

With As-Worn Technology™, three essential measurements are required: pantoscopic tilt, vertex distance, and wrap angle of the patient's eyewear. Necessary power changes are then calculated in order to achieve a new Rx called Resultant Rx. This ensures that the prescription as experienced by the patient once the lens is fit into the frame is the same as the original prescription measured by the ECP and gives the patient the same viewing comfort and visual acuity.





LENS CHARACTERISTICS

- > Advanced non-compensated freeform design
- > Significantly improved visual clarity, sharpness, and comfort in all vision zones

TARGET MARKET

- > Those seeking enhanced visual comfort
- > People with modern lifestyles, who wear progressive lenses
- Patients looking for an advanced lens at a great price

	CLEAR	TRANSITIONS	XTRACTIVE	POLARIZED
CR-39	✓	✓	✓	✓
1.53	✓	✓	✓	✓
1.59	✓	✓		✓
1.60	✓	✓		✓
1.67	✓	✓		✓
1.74	✓	✓		

DESCRIPTION	FH	COMPENSATED RX		CR-39	1.53	1.59	1.60	1.67	1.74
BETTER PAL	14, 16, 18		POWER RANGE	-12.25 to +6.00	-13.25 to +6.00	-14.75 to +6.00	-15.00 to +6.00	-16.75 to +8.00	-18.75 to +14.75
			CYLINDER	to 6.00	to 6.50	to 7.00	to 7.00	to 8.00	to 9.00
			ADD POWER	0.75 to 3.50	0.75 to 3.50	0.75 to 3.50	0.75 to 3.50	0.75 to 3.50	0.75 to 3.50



LENS CHARACTERISTICS

- > Ultra premium compensated freeform design
- > Wide and clear reading zone with full addition
- Optimized accuracy of prescription and optics

TARGET MARKET

- > Patients demanding the very best in individualized lenses
- > Patients who demand product excellence
- Patients wanting absolute freedom with their frame selection

	CLEAR	TRANSITIONS	XTRACTIVE	POLARIZED
CR-39	✓	✓	✓	✓
1.53	✓	✓	✓	✓
1.59	✓	✓	✓	✓
1.60	✓	✓	✓	✓
1.67	✓	✓	✓	✓
1.74	✓	✓		

DESCRIPTION	FH	COMPENSATED RX		CR-39	1.53	1.59	1.60	1.67	1.74
BEST PAL	14, 16, 18	✓	POWER RANGE	-12.25 to +6.00	-13.25 to +6.00	-14.75 to +6.00	-15.00 to +6.00	-16.75 to +8.00	-18.75 to +14.75
			CYLINDER	to 6.00	to 6.50	to 7.00	to 7.00	to 8.00	to 9.00
			ADD POWER	0.75 to 3.50	0.75 to 3.50	0.75 to 3.50	0.75 to 3.50	0.75 to 3.50	0.75 to 3.50