



Davis Vision has made changes regarding our manufacturing, order entry and frame processing procedures. We have listed out guidelines and parameters in the following document. Should you have any questions, please call us at 1 (800) 773-2847.

ATTENTION PROVIDERS - NEW FRAME PROCESSING PARAMETERS

SEG / FIT HEIGHT GUIDELINES

Lens Type	Minimum Seg / Fit Height
Bifocals:	12mm
Trifocals:	18mm
Progressives:	
Varilux Physio	17mm
Varilux New Comfort	17mm
Varilux Physio Short	14mm
Essilor Ovation	17mm
Essilor Natural	18mm
Younger Image	18mm
MyFocal HD	14, 16, 18mm
Shamir InTouch	15, 18mm

Refer to Lens Vendor guidelines for unlisted progressives.

FRAME MEASUREMENTS & DECENTRATION

Vertical Geometric Center = $B \div 2$

Frame PD = A + DBL

Decentration =
Frame PD - Customer PD



RX RECOMMENDATIONS FOR DECENTRATION

Horizontal Decentration

For All Frame Types Except Sport Wraps:
 Plano to ± 2.00 = 16mm (8mm mono)
 ± 2.00 to ± 4.00 = 10mm (5mm mono)
 ± 4.00 to ± 6.00 = 6mm (3mm mono)
 ± 6.00 & above = Fit as close to center as possible

For Sport Wraps:
 8mm Horz
 5mm Vertical

Vertical Decentration

For All Frame Types:
 Specified Optical Center (OC) should be within 5mm of the geometric center (B Measurement $\div 2$) of the frame

DAVIS VISION FRAME PROCESSING PARAMETERS

	Metal	Plastic	Semi-Rim	Safety / Z-87	Drill Mount	Sport Goggle	Sport Wrap
Lens Material Limitations	None	None	None	None	Poly, High Index	None	None
Davis Lab Accept Frame? (Ophthalmic Frames Only)	Yes, frame is in good condition	Yes, frame is in good condition	Yes, frame is in good condition	Yes, frame is in good condition and Z87 marking is clear	Yes, pattern & mounting pieces must be supplied by provider	Yes, if frame is in good condition	Yes, if frame is in good condition. Oakley & Maui Jim wrap frames not permitted. Extreme wraps may not work.
SV Lenses	✓	✓	✓	✓	✓	✓	✓
Lined Multifocal Lenses	✓	✓	✓	✓	✓	✓	✓
Progressive Lenses	✓	✓	✓	✓	✓	✓	✓
Transition Lenses	✓	✓	✓	✓	✓	✓	✓
Polarized Lenses	✓	✓	✓	✓	✓	✓	✓
Tinted Lenses	✓	✓	✓	✓	✓	✓	✓
Tint with AR Coating	No	No	No	No	No	No	No
RX Limitations or Recommendations	Recommend +6.00 to -10.00 Sphere	Unlimited	Recommend +2.50 to -7.00 Sphere Power	Unlimited	Limitation: +4.00 to -6.00 Total Power Sphere and Cylinder	Recommend +6.00 to -8.00 Total Power Sphere and Cylinder	Limitation: +4.00 to -4.00 Total Power Sphere and Cylinder
Total Power	= Sphere power + cylinder power. For example: +2.00 - 1.00 = Total Power +1.00. And +3.00 - 5.00 = Total Power -2.00						
Max Prism Δ	No Limit	No Limit	≤3	No Limit	≤3	No Limit	≤3

BASE CURVE GUIDELINES - BEST PRACTICES

- Lens style, material and RX dictate base curve selection
- If a doctor-recommended curve is not available, the tolerance for a prescribed curve is $\pm 0.75D$
- Base curves should not be split between lenses unless the difference between the right and left lens is greater than 1.50 D and the customer's previous eyewear had split base curves



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