



Family ID #2029

TECHSPEC® UV Fused Silica Plano-Concave (PCV) Lenses



- Negative Focal Lengths for Beam Expansion or Light Projection Applications
- Wavelength Range of 200 - 2200nm
- Popular UV-AR Coating Option Available

These high performance UV optic elements are manufactured utilizing state of the art CNC equipment. Zygo's GPI-XP Interferometer is used to assure the surface accuracy and performance of these UV optics. UV Grade lenses are precision manufactured using research-grade synthetic fused silica. In addition to providing excellent transmission characteristics and higher operating temperatures, synthetic fused silica lenses also exhibit an exceptional inclusion specification and chemical purity. These lenses make a superior choice for many laser and imaging applications, particularly those involving ultraviolet wavelengths. A broadband anti-reflection coating is available for optimized throughput in the ultraviolet spectrum.

Common Specifications

Substrate:	Fused Silica
Surface Quality:	40-20
Power (P-V) @ 632.8nm:	1.5λ
Irregularity (P-V) @ 632.8nm:	λ/4
Center Thickness Tolerance (mm):	±0.2

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Centering (arcmin): <1

	Dia. (mm) ↑↓	EFL (mm) ↑↓	BFL (mm) ↑↓	Coating ↑↓	Compare	Stock Number ↑↓	Price	Buy
	⌵	⌵	⌵	⌵				
▶	6.00	-9.00	-10.38	Uncoated		#45-697	\$89.50 VOLUME PRICING Request a Quote	IN STOCK 1
▶	6.00	-12.00	-13.38	Uncoated		#45-698	\$89.50 VOLUME PRICING Request a Quote	IN STOCK 1
▶	6.00	-18.00	-19.37	Uncoated		#45-699	\$89.50 VOLUME PRICING Request a Quote	IN STOCK 1
▶	6.00	-9.00	-10.38	UV-AR (250-425nm)		#46-308	\$104.50 VOLUME PRICING Request a Quote	IN STOCK 1
▶	6.00	-12.00	-13.38	UV-AR (250-425nm)		#46-309	\$104.50 VOLUME PRICING Request a Quote	IN STOCK 1
▶	6.00	-18.00	-19.37	UV-AR (250-425nm)		#46-310	\$104.50 VOLUME PRICING Request a Quote	IN STOCK 1
▶	9.00	-13.50	-14.89	Uncoated		#45-700	\$95.00 VOLUME PRICING Request a Quote	IN STOCK 1
▶	9.00	-18.00	-19.37	Uncoated		#45-701	\$95.00 VOLUME PRICING Request a Quote	IN STOCK 1
▶	9.00	-27.00	-28.42	Uncoated		#45-702	\$95.00 VOLUME PRICING Request a Quote	IN STOCK 1
▶	9.00	-13.50	-14.89	UV-AR (250-425nm)		#46-311	\$110.00 VOLUME PRICING Request a Quote	IN STOCK 1
▶	9.00	-18.00	-19.37	UV-AR (250-425nm)		#46-312	\$110.00 VOLUME PRICING Request a Quote	IN STOCK 1
▶	9.00	-27.00	-28.42	UV-AR (250-425nm)		#46-313	\$110.00 VOLUME PRICING Request a Quote	IN STOCK 1

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	Dia. (mm) ↕↕	EFL (mm) ↕↕	BFL (mm) ↕↕	Coating ↕↕	Compare	Stock Number ↕↕	Price	Buy		
➤	12.00	-25.00	-26.37	Uncoated		#48-046	\$99.50 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	12.00	-30.00	-31.37	Uncoated		#48-047	\$99.50 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	12.00	-40.00	-41.37	Uncoated		#48-048	\$99.50 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	12.00	-50.00	-51.37	Uncoated		#48-049	\$99.50 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	12.00	-100.00	-101.37	Uncoated		#85-879	\$99.50 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	12.00	-25.00	-26.37	UV-AR (250-425nm)		#48-050	\$114.50 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	12.00	-30.00	-31.37	UV-AR (250-425nm)		#48-051	\$114.50 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	12.00	-40.00	-41.37	UV-AR (250-425nm)		#48-052	\$114.50 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	12.00	-50.00	-51.37	UV-AR (250-425nm)		#48-053	\$114.50 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	12.00	-100.00	-101.37	UV-AR (250-425nm)		#88-037	\$114.50 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	25.00	-50.00	-51.37	Uncoated		#48-315	\$105.00 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	25.00	-75.00	-76.71	Uncoated		#48-316	\$105.00 VOLUME PRICING Request a Quote	IN STOCK	1	
➤	25.00	-100.00	-101.71	Uncoated		#48-317	\$105.00 VOLUME PRICING Request a Quote	IN STOCK	1	

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	Dia. (mm) ↕	EFL (mm) ↕	BFL (mm) ↕	Coating ↕	Compare	Stock Number ↕	Price	Buy		
	25.00	-150.00	-151.71	Uncoated		#48-318	\$105.00 VOLUME PRICING Request a Quote	IN STOCK	1	
	25.00	-200.00	-201.71	Uncoated		#48-319	\$105.00 VOLUME PRICING Request a Quote	IN STOCK	1	
	25.00	-250.00	-251.71	Uncoated		#48-320	\$105.00 VOLUME PRICING Request a Quote	IN STOCK	1	
	25.00	-50.00	-51.37	UV-AR (250-425nm)		#48-321	\$120.00 VOLUME PRICING Request a Quote	IN STOCK	1	
	25.00	-75.00	-76.71	UV-AR (250-425nm)		#48-322	\$120.00 VOLUME PRICING Request a Quote	IN STOCK	1	
	25.00	-100.00	-101.71	UV-AR (250-425nm)		#48-323	\$120.00 VOLUME PRICING Request a Quote	IN STOCK	1	
	25.00	-150.00	-151.71	UV-AR (250-425nm)		#48-324	\$120.00 VOLUME PRICING Request a Quote	CONTACT US	1	
	25.00	-200.00	-201.71	UV-AR (250-425nm)		#48-325	\$120.00 VOLUME PRICING Request a Quote	IN STOCK	1	
	25.00	-250.00	-251.71	UV-AR (250-425nm)		#48-326	\$120.00 VOLUME PRICING Request a Quote	IN STOCK	1	

Call Now! 1-800-363-1992



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