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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

Common Specifications

General

Note:

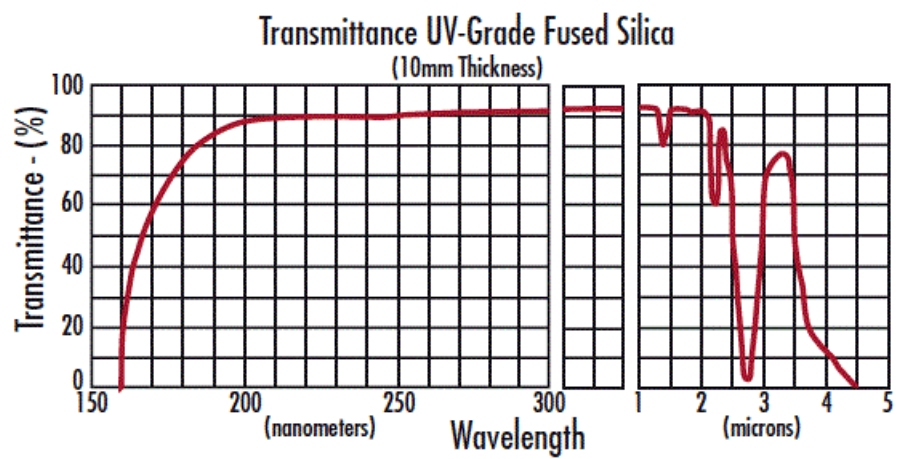
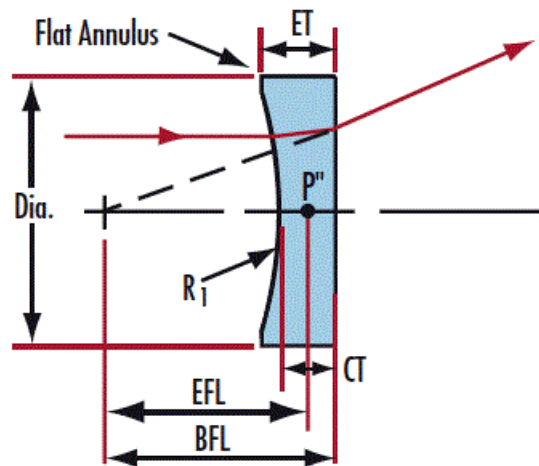
Max. Flat Annulus is 0.3mm

Optical Properties

 Substrate: [Fused Silica](#) (Corning 7980)

Surface Quality:	40-20	Power (P-V) @ 632.8nm:	1.5λ
Irregularity (P-V) @ 632.8nm:	λ/4		

Technical Information



UV FS Transmission Curve

Products

Dia. (mm)	EFL (mm)	BFL (mm)	Coating	Substrate	Stock Number	Price	Buy
6.00	-9.00	-10.38	Uncoated	Fused Silica	#45-697	A\$184.58 Volume Pricing	12 In Stock
6.00	-12.00	-13.38	Uncoated	Fused Silica	#45-698	A\$184.58 Volume Pricing	20+ In Stock
6.00	-18.00	-19.37	Uncoated	Fused Silica	#45-699	A\$184.58 Volume Pricing	20+ In Stock
6.00	-9.00	-10.38	UV-AR (250-425nm)	Fused Silica	#46-308	A\$222.48 Volume Pricing	20+ In Stock
6.00	-9.00	-10.38	UV-VIS (250-700nm)	Fused Silica	#71-091	A\$222.48 Volume Pricing	8 In Stock
6.00	-12.00	-13.38	UV-AR (250-425nm)	Fused Silica	#46-309	A\$222.48 Volume Pricing	20+ In Stock
6.00	-12.00	-13.38	UV-VIS (250-700nm)	Fused Silica	#71-092	A\$222.48 Volume Pricing	3 In Stock
6.00	-18.00	-19.37	UV-AR (250-425nm)	Fused Silica	#46-310	A\$222.48 Volume Pricing	20+ In Stock
6.00	-18.00	-19.37	UV-VIS (250-700nm)	Fused Silica	#71-093	A\$222.48 Volume Pricing	4 In Stock
6.00	-9.00	-10.38	VIS-NIR (400-1000nm)	Fused Silica	#21-043	A\$222.48 Volume Pricing	7 In Stock
6.00	-12.00	-13.38	VIS-NIR (400-1000nm)	Fused Silica	#21-044	A\$222.48 Volume Pricing	2 In Stock
6.00	-18.00	-19.37	VIS-NIR (400-1000nm)	Fused Silica	#21-045	A\$222.48 Volume Pricing	9 In Stock
9.00	-13.00	-14.89	UV-VIS (250-700nm)	Fused Silica	#71-094	A\$230.72 Volume Pricing	5 In Stock

9.00	-18.00	-19.37	UV-VIS (250-700nm)	Fused Silica	#71-095	A\$230.72 Volume Pricing	5 In Stock
9.00	-13.50	-14.89	Uncoated	Fused Silica	#45-700	A\$192.82 Volume Pricing	20+ In Stock
9.00	-18.00	-19.37	Uncoated	Fused Silica	#45-701	A\$192.82 Volume Pricing	20+ In Stock
9.00	-27.00	-28.42	Uncoated	Fused Silica	#45-702	A\$192.82 Volume Pricing	20+ In Stock
9.00	-13.50	-14.89	UV-AR (250-425nm)	Fused Silica	#46-311	A\$230.72 Volume Pricing	12 In Stock
9.00	-18.00	-19.37	UV-AR (250-425nm)	Fused Silica	#46-312	A\$230.72 Volume Pricing	20+ In Stock
9.00	-27.00	-28.42	UV-VIS (250-700nm)	Fused Silica	#71-096	A\$230.72 Volume Pricing	5 In Stock
9.00	-27.00	-28.42	UV-AR (250-425nm)	Fused Silica	#46-313	A\$230.72 Volume Pricing	8 In Stock
9.00	-13.50	-14.89	VIS-NIR (400-1000nm)	Fused Silica	#21-046	A\$230.72 Volume Pricing	5 In Stock
9.00	-18.00	-19.37	VIS-NIR (400-1000nm)	Fused Silica	#21-047	A\$230.72 Volume Pricing	4 In Stock
9.00	-27.00	-28.42	VIS-NIR (400-1000nm)	Fused Silica	#21-048	A\$230.72 Volume Pricing	8 In Stock
12.00	-25.00	-26.37	Uncoated	Fused Silica	#48-046	A\$202.70 Volume Pricing	17 In Stock
12.00	-30.00	-31.37	Uncoated	Fused Silica	#48-047	A\$202.70 Volume Pricing	20+ In Stock
12.00	-40.00	-41.37	Uncoated	Fused Silica	#48-048	A\$202.70 Volume Pricing	20+ In Stock
12.00	-50.00	-51.37	Uncoated	Fused Silica	#48-049	A\$202.70 Volume Pricing	20+ In Stock
12.00	-	-	Uncoated	Fused Silica	#85-879	A\$202.70 Volume Pricing	20+ In Stock

12.00	-25.00	-26.37	UV-AR (250-425nm)	Fused Silica	#48-050	A\$240.61 Volume Pricing	5 In Stock
12.00	-25.00	-26.37	UV-VIS (250-700nm)	Fused Silica	#71-097	A\$240.61 Volume Pricing	1 In Stock
12.00	-30.00	-31.37	UV-AR (250-425nm)	Fused Silica	#48-051	A\$240.61 Volume Pricing	20+ In Stock
12.00	-30.00	-31.37	UV-VIS (250-700nm)	Fused Silica	#71-098	A\$240.61 Volume Pricing	4 In Stock
12.00	-40.00	-41.37	UV-AR (250-425nm)	Fused Silica	#48-052	A\$240.61 Volume Pricing	4 In Stock
12.00	-40.00	-41.37	UV-VIS (250-700nm)	Fused Silica	#71-099	A\$240.61 Volume Pricing	2 In Stock
12.00	-50.00	-51.37	UV-AR (250-425nm)	Fused Silica	#48-053	A\$240.61 Volume Pricing	2 In Stock
12.00	-50.00	-51.37	UV-VIS (250-700nm)	Fused Silica	#71-100	A\$240.61 Volume Pricing	8 In Stock
12.00	-	-	UV-AR (250-425nm)	Fused Silica	#88-037	A\$240.61 Volume Pricing	20+ In Stock
12.00	-	-	UV-VIS (250-700nm)	Fused Silica	#71-101	A\$240.61 Volume Pricing	1 In Stock
12.00	-25.00	-26.37	VIS-NIR (400-1000nm)	Fused Silica	#21-049	A\$240.61 Volume Pricing	8 In Stock
12.00	-30.00	-31.37	VIS-NIR (400-1000nm)	Fused Silica	#21-050	A\$240.61 Volume Pricing	1 In Stock
12.00	-40.00	-41.37	VIS-NIR (400-1000nm)	Fused Silica	#21-051	A\$240.61 Volume Pricing	17 In Stock
12.00	-50.00	-51.37	VIS-NIR (400-1000nm)	Fused Silica	#21-052	A\$240.61 Volume Pricing	3 In Stock

12.00	- 100.00	- 101.37	VIS-NIR (400- 1000nm)	Fused Silica	#21-053	A\$240.61 Volume Pricing	3 In Stock
25.00	-50.00	-51.37	Uncoated	Fused Silica	#48-315	A\$214.24 Volume Pricing	20+ In Stock
25.00	-75.00	-76.71	Uncoated	Fused Silica	#48-316	A\$214.24 Volume Pricing	20+ In Stock
25.00	- 100.00	- 101.71	Uncoated	Fused Silica	#48-317	A\$214.24 Volume Pricing	20+ In Stock
25.00	- 150.00	- 151.71	Uncoated	Fused Silica	#48-318	A\$214.24 Volume Pricing	20+ In Stock
25.00	- 200.00	- 201.71	Uncoated	Fused Silica	#48-319	A\$214.24 Volume Pricing	3 In Stock
25.00	- 250.00	- 251.71	Uncoated	Fused Silica	#48-320	A\$214.24 Volume Pricing	20+ In Stock
25.00	-50.00	-51.37	UV-AR (250- 425nm)	Fused Silica	#48-321	A\$250.50 Volume Pricing	15 In Stock
25.00	-50.00	-51.37	UV-VIS (250- 700nm)	Fused Silica	#71-102	A\$250.50 Volume Pricing	3 In Stock
25.00	-75.00	-76.71	UV-AR (250- 425nm)	Fused Silica	#48-322	A\$250.50 Volume Pricing	6 In Stock
25.00	-75.00	-76.71	UV-VIS (250- 700nm)	Fused Silica	#71-103	A\$250.50 Volume Pricing	2 In Stock
25.00	- 100.00	- 101.71	UV-AR (250- 425nm)	Fused Silica	#48-323	A\$250.50 Volume Pricing	Contact Us
25.00	- 100.00	- 101.71	UV-VIS (250- 700nm)	Fused Silica	#71-104	A\$250.50 Volume Pricing	Contact Us
25.00	- 150.00	- 151.71	UV-AR (250- 425nm)	Fused Silica	#48-324	A\$250.50 Volume Pricing	8 In Stock
25.00	- 150.00	- 151.71	UV-VIS (250- 700nm)	Fused Silica	#71-105	A\$250.50 Volume Pricing	Contact Us

25.00	-	-	UV-AR (250-425nm)	Fused Silica	#48-325	A\$250.50 Volume Pricing	5 In Stock
25.00	-	-	UV-VIS (250-700nm)	Fused Silica	#71-106	A\$250.50 Volume Pricing	6 In Stock
25.00	-	-	UV-AR (250-425nm)	Fused Silica	#48-326	A\$250.50 Volume Pricing	5 In Stock
25.00	-	-	UV-VIS (250-700nm)	Fused Silica	#71-107	A\$250.50 Volume Pricing	4 In Stock
25.00	-50.00	-51.37	VIS-NIR (400-1000nm)	Fused Silica	#21-054	A\$252.14 Volume Pricing	Contact Us
25.00	-75.00	-76.71	VIS-NIR (400-1000nm)	Fused Silica	#21-055	A\$252.14 Volume Pricing	5 In Stock
25.00	-	-	VIS-NIR (400-1000nm)	Fused Silica	#21-056	A\$252.14 Volume Pricing	3 In Stock
25.00	-	-	VIS-NIR (400-1000nm)	Fused Silica	#21-057	A\$252.14 Volume Pricing	8 In Stock
25.00	-	-	VIS-NIR (400-1000nm)	Fused Silica	#21-058	A\$252.14 Volume Pricing	5 In Stock
25.00	-	-	VIS-NIR (400-1000nm)	Fused Silica	#21-059	A\$252.14 Volume Pricing	8 In Stock



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