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TECHSPEC® UV Fused Silica Aspheric Lenses



- Low Coefficient of Thermal Expansion
- Precision and High Precision Options
- High Numerical Apertures to Maximize Throughput

Common Specifications

Physical & Mechanical Properties

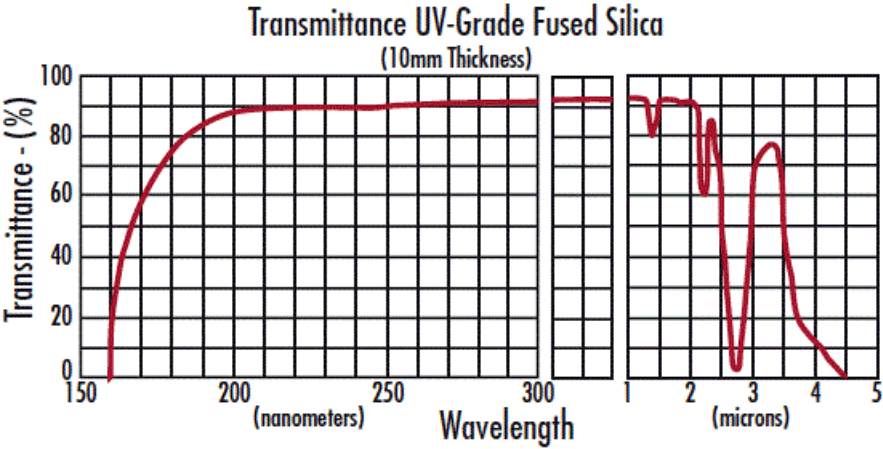
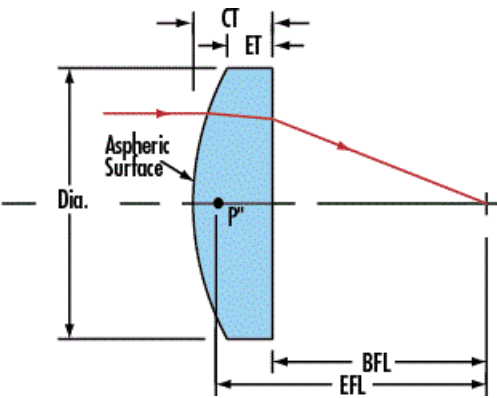
Bevel: Protective as needed

Optical Properties

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

Conjugate Distance: Infinite

Technical Information



UV FS Transmission Curve

Products

Dia. (mm)	EFL (mm)	Aspheric DWL (nm)	Asphere Figure Error	NA	Coating	Stock Number	Price	Buy
10.00	8.00	587.6	1.2λ	0.63	Uncoated	#87-973	€369,77 Volume Pricing	20+ In Stock
10.00	8.00	587.6	1.2λ	0.63	UV (250-425nm)	#87-977	€390,37 Volume Pricing	20+ In Stock
10.00	8.00	587.6	1.2λ	0.63	UV-VIS (250-700nm)	#87-981	€390,37 Volume Pricing	2 In Stock
10.00	8.00	587.6	1.2λ	0.63	VIS (425-675nm)	#87-985	€390,37 Volume Pricing	Contact Us
10.00	8.00	587.6	1.2λ	0.63	NIR (600-1050nm)	#87-989	€390,37 Volume Pricing	9 In Stock
10.00	10.00	587.6	1.2λ	0.50	Uncoated	#87-974	€369,77 Volume Pricing	Contact Us
10.00	10.00	587.6	1.2λ	0.50	UV (250-425nm)	#87-978	€390,37 Volume Pricing	20+ In Stock
10.00	10.00	587.6	1.2λ	0.50	UV-VIS (250-700nm)	#87-982	€390,37 Volume Pricing	13 In Stock
10.00	10.00	587.6	1.2λ	0.50	VIS (425-675nm)	#87-986	€390,37 Volume Pricing	9 In Stock
10.00	10.00	587.6	1.2λ	0.50	NIR (600-1050nm)	#87-990	€390,37 Volume Pricing	5 In Stock
12.50	10.00	587.6	1.2λ	0.63	Uncoated	#87-975	€390,37 Volume Pricing	9 In Stock
12.50	10.00	587.6	1.2λ	0.63	UV (250-425nm)	#87-979	€410,97 Volume Pricing	20+ In Stock
12.50	10.00	587.6	1.2λ	0.63	UV-VIS (250-700nm)	#87-983	€410,97 Volume Pricing	5 In Stock
12.50	10.00	587.6	1.2λ	0.63	VIS (425-675nm)	#87-987	€410,97 Volume Pricing	10 In Stock
12.50	10.00	587.6	1.2λ	0.63	NIR (600-1050nm)	#87-991	€410,97 Volume Pricing	Contact Us

12.50	10.00	355	0.4λ	0.58	Uncoated	#17-321	€426,42 Volume Pricing	6 In Stock
12.50	10.00	355	0.4λ	0.58	UV (250-425nm)	#21-908	€447,02 Volume Pricing	3 In Stock
12.50	10.00	355	0.4λ	0.58	UV-VIS (250-700nm)	#21-909	€447,02 Volume Pricing	8 In Stock
12.50	12.50	587.6	1.2λ	0.50	Uncoated	#87-976	€390,37 Volume Pricing	20+ In Stock
12.50	12.50	587.6	1.2λ	0.50	UV (250-425nm)	#87-980	€410,97 Volume Pricing	20+ In Stock
12.50	12.50	587.6	1.2λ	0.50	UV-VIS (250-700nm)	#87-984	€410,97 Volume Pricing	20+ In Stock
12.50	12.50	587.6	1.2λ	0.50	VIS (425-675nm)	#87-988	€410,97 Volume Pricing	11 In Stock
12.50	12.50	587.6	1.2λ	0.50	NIR (600-1050nm)	#87-992	€410,97 Volume Pricing	5 In Stock
15.00	10.00	587.6	1.2λ	0.75	Uncoated	#33-947	€489,25 Volume Pricing	20+ In Stock
15.00	10.00	587.6	1.2λ	0.75	UV (250-425nm)	#33-951	€509,85 Volume Pricing	Contact Us
15.00	10.00	587.6	1.2λ	0.75	UV-VIS (250-700nm)	#33-955	€509,85 Volume Pricing	2 In Stock
15.00	10.00	587.6	1.2λ	0.75	VIS (425-675nm)	#33-959	€509,85 Volume Pricing	6 In Stock
15.00	10.00	587.6	1.2λ	0.75	NIR (600-1050nm)	#33-963	€509,85 Volume Pricing	1 In Stock
15.00	12.50	587.6	1.2λ	0.60	Uncoated	#67-264	€489,25 Volume Pricing	8 In Stock
15.00	12.50	587.6	1.2λ	0.60	UV (250-425nm)	#67-269	€509,85 Volume Pricing	Contact Us
15.00	12.50	587.6	1.2λ	0.60	UV-VIS (250-700nm)	#84-334	€509,85 Volume Pricing	20+ In Stock
15.00	12.50	587.6	1.2λ	0.60	VIS (425-675nm)	#67-274	€509,85 Volume Pricing	14 In Stock

15.00	12.50	587.6	1.2λ	0.60	NIR (600-1050nm)	#67-279	€509,85 Volume Pricing	10 In Stock
15.00	15.00	587.6	1.2λ	0.50	Uncoated	#48-534	€489,25 Volume Pricing	20+ In Stock
15.00	15.00	587.6	1.2λ	0.50	UV (250-425nm)	#49-693	€509,85 Volume Pricing	20+ In Stock
15.00	15.00	587.6	1.2λ	0.50	UV-VIS (250-700nm)	#84-335	€509,85 Volume Pricing	15 In Stock
15.00	15.00	587.6	1.2λ	0.50	VIS (425-675nm)	#49-587	€509,85 Volume Pricing	20+ In Stock
15.00	15.00	587.6	1.2λ	0.50	NIR (600-1050nm)	#49-591	€509,85 Volume Pricing	16 In Stock
15.00	20.00	587.6	1.2λ	0.38	Uncoated	#48-535	€489,25 Volume Pricing	14 In Stock
15.00	20.00	587.6	1.2λ	0.38	UV (250-425nm)	#49-694	€509,85 Volume Pricing	6 In Stock
15.00	20.00	587.6	1.2λ	0.38	UV-VIS (250-700nm)	#84-336	€509,85 Volume Pricing	5 In Stock
15.00	20.00	587.6	1.2λ	0.38	VIS (425-675nm)	#49-588	€509,85 Volume Pricing	7 In Stock
15.00	20.00	587.6	1.2λ	0.38	NIR (600-1050nm)	#49-592	€509,85 Volume Pricing	Contact Us
15.00	25.00	587.6	1.2λ	0.30	Uncoated	#33-948	€489,25 Volume Pricing	20+ In Stock
15.00	25.00	587.6	1.2λ	0.30	UV (250-425nm)	#33-952	€509,85 Volume Pricing	14 In Stock
15.00	25.00	587.6	1.2λ	0.30	UV-VIS (250-700nm)	#33-956	€509,85 Volume Pricing	12 In Stock
15.00	25.00	587.6	1.2λ	0.30	VIS (425-675nm)	#33-960	€509,85 Volume Pricing	1 In Stock
15.00	25.00	587.6	1.2λ	0.30	NIR (600-1050nm)	#33-964	€509,85 Volume Pricing	1 In Stock
25.00	17.50	587.6	1.2λ	0.69	Uncoated	#33-949	€561,35 Volume Pricing	20+ In Stock
25.00	17.50	587.6	1.2λ	0.69	UV (250-425nm)	#33-953	€571,65 Volume Pricing	15 In Stock

25.00	17.50	587.6	1.2λ	0.69	UV-VIS (250-700nm)	#33-957	€587,10 Volume Pricing	20+ In Stock
25.00	17.50	587.6	1.2λ	0.69	VIS (425-675nm)	#33-961	€587,10 Volume Pricing	Contact Us
25.00	17.50	587.6	1.2λ	0.69	NIR (600-1050nm)	#33-965	€587,10 Volume Pricing	6 In Stock
25.00	20.00	587.6	1.2λ	0.63	Uncoated	#67-265	€535,60 Volume Pricing	20+ In Stock
25.00	20.00	587.6	1.2λ	0.63	UV (250-425nm)	#67-270	€556,20 Volume Pricing	6 In Stock
25.00	20.00	587.6	1.2λ	0.63	UV-VIS (250-700nm)	#84-337	€556,20 Volume Pricing	20+ In Stock
25.00	20.00	587.6	1.2λ	0.63	VIS (425-675nm)	#67-275	€556,20 Volume Pricing	6 In Stock
25.00	20.00	587.6	1.2λ	0.63	NIR (600-1050nm)	#67-280	€556,20 Volume Pricing	1 In Stock
25.00	25.00	587.6	1.2λ	0.50	Uncoated	#48-536	€535,60 Volume Pricing	20+ In Stock
25.00	25.00	587.6	1.2λ	0.50	UV (250-425nm)	#49-695	€556,20 Volume Pricing	20+ In Stock
25.00	25.00	587.6	1.2λ	0.50	UV-VIS (250-700nm)	#84-338	€556,20 Volume Pricing	5 In Stock
25.00	25.00	587.6	1.2λ	0.50	VIS (425-675nm)	#49-589	€556,20 Volume Pricing	15 In Stock
25.00	25.00	587.6	1.2λ	0.50	NIR (600-1050nm)	#49-593	€556,20 Volume Pricing	14 In Stock
25.00	25.00	285	0.4λ	0.48	Uncoated	#17-325	€545,90 Volume Pricing	1 In Stock
25.00	25.00	285	0.4λ	0.48	UV (250-425nm)	#21-912	€566,50 Volume Pricing	Contact Us
25.00	25.00	285	0.4λ	0.48	UV-VIS (250-700nm)	#21-913	€566,50 Volume Pricing	1 In Stock
25.00	30.00	587.6	1.2λ	0.42	Uncoated	#48-537	€535,60 Volume Pricing	20+ In Stock

25.00	30.00	587.6	1.2λ	0.42	UV (250-425nm)	#49-696	€556,20 Volume Pricing	4 In Stock
25.00	30.00	587.6	1.2λ	0.42	UV-VIS (250-700nm)	#84-339	€556,20 Volume Pricing	13 In Stock
25.00	30.00	587.6	1.2λ	0.42	VIS (425-675nm)	#49-590	€556,20 Volume Pricing	13 In Stock
25.00	30.00	587.6	1.2λ	0.42	NIR (600-1050nm)	#49-594	€556,20 Volume Pricing	6 In Stock
25.00	50.00	587.6	1.2λ	0.25	Uncoated	#33-950	€535,60 Volume Pricing	Contact Us
25.00	50.00	587.6	1.2λ	0.25	UV (250-425nm)	#33-954	€556,20 Volume Pricing	11 In Stock
25.00	50.00	587.6	1.2λ	0.25	VIS (425-675nm)	#33-962	€556,20 Volume Pricing	8 In Stock
25.00	50.00	587.6	1.2λ	0.25	NIR (600-1050nm)	#33-966	€556,20 Volume Pricing	1 In Stock
25.00	50.00	587.6	1.2λ	0.25	UV-VIS (250-700nm)	#33-958	€556,20 Volume Pricing	14 In Stock
25.00	50.00	355	λ/40	0.23	Uncoated	#17-329	€751,90 Volume Pricing	9 In Stock
25.00	50.00	355	0.4λ	0.23	Uncoated	#17-328	€545,90 Volume Pricing	9 In Stock
25.00	50.00	355	0.4λ	0.23	UV (250-425nm)	#21-916	€566,50 Volume Pricing	5 In Stock
25.00	50.00	355	0.4λ	0.23	UV-VIS (250-700nm)	#21-917	€566,50 Volume Pricing	5 In Stock
25.00	75.00	355	0.4λ	0.15	Uncoated	#17-330	€545,90 Volume Pricing	12 In Stock
25.00	75.00	355	λ/40	0.15	Uncoated	#17-331	€751,90 Volume Pricing	Contact Us
25.00	75.00	355	0.4λ	0.15	UV (250-425nm)	#21-924	€566,50 Volume Pricing	1 In Stock
25.00	75.00	355	0.4λ	0.15	UV-VIS (250-700nm)	#21-925	€566,50 Volume Pricing	6 In Stock
25.00	100.00	355	0.4λ	0.11	Uncoated	#17-332	€545,90 Volume Pricing	10 In Stock

25.00	100.00	355	$\lambda/40$	0.11	Uncoated	#17-333	€751,90 Volume Pricing	8 In Stock
25.00	100.00	355	0.4 λ	0.11	UV (250-425nm)	#21-932	€566,50 Volume Pricing	Contact Us
25.00	100.00	355	0.4 λ	0.11	UV-VIS (250-700nm)	#21-933	€566,50 Volume Pricing	Contact Us
50.00	40.00	587.6	1.2 λ	0.63	Uncoated	#67-266	€834,30 Volume Pricing	5 In Stock
50.00	40.00	587.6	1.2 λ	0.63	UV (250-425nm)	#67-271	€875,50 Volume Pricing	Contact Us
50.00	40.00	587.6	1.2 λ	0.63	UV-VIS (250-700nm)	#84-340	€875,50 Volume Pricing	6 In Stock
50.00	40.00	587.6	1.2 λ	0.63	VIS (425-675nm)	#67-276	€875,50 Volume Pricing	9 In Stock
50.00	40.00	587.6	1.2 λ	0.63	NIR (600-1050nm)	#67-281	€875,50 Volume Pricing	17 In Stock
50.00	50.00	587.6	1.2 λ	0.50	Uncoated	#67-267	€834,30 Volume Pricing	20+ In Stock
50.00	50.00	587.6	1.2 λ	0.50	UV (250-425nm)	#67-272	€875,50 Volume Pricing	3 In Stock
50.00	50.00	587.6	1.2 λ	0.50	UV-VIS (250-700nm)	#84-341	€875,50 Volume Pricing	13 In Stock
50.00	50.00	587.6	1.2 λ	0.50	VIS (425-675nm)	#67-277	€875,50 Volume Pricing	3 In Stock
50.00	50.00	587.6	1.2 λ	0.50	NIR (600-1050nm)	#67-282	€875,50 Volume Pricing	17 In Stock
50.00	50.00	355	0.4 λ	0.48	Uncoated	#17-334	€880,65 Volume Pricing	14 In Stock
50.00	50.00	355	0.4 λ	0.48	UV (250-425nm)	#21-940	€921,85 Volume Pricing	Contact Us
50.00	50.00	355	0.4 λ	0.48	UV-VIS (250-700nm)	#21-941	€921,85 Volume Pricing	11 In Stock
50.00	60.00	587.6	1.2 λ	0.42	Uncoated	#67-268	€834,30 Volume Pricing	20+ In Stock
50.00	60.00	587.6	1.2 λ	0.42	UV (250-425nm)	#67-273	€875,50 Volume Pricing	Contact Us

50.00	60.00	587.6	1.2λ	0.42	UV-VIS (250-700nm)	#84-342	€875,50 Volume Pricing	6 In Stock
50.00	60.00	587.6	1.2λ	0.42	VIS (425-675nm)	#67-278	€875,50 Volume Pricing	9 In Stock
50.00	60.00	587.6	1.2λ	0.42	NIR (600-1050nm)	#67-283	€875,50 Volume Pricing	5 In Stock
50.00	100.00	355	0.4λ	0.23	Uncoated	#17-337	€880,65 Volume Pricing	20+ In Stock
50.00	100.00	355	0.4λ	0.23	UV (250-425nm)	#21-944	€921,85 Volume Pricing	4 In Stock
50.00	100.00	355	0.4λ	0.23	UV-VIS (250-700nm)	#21-945	€921,85 Volume Pricing	4 In Stock



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