

FUSED SILICA (02.03.2017)

[sales@crystaltechno.com](mailto:sales@crystaltechno.com)

[kozhevnikova@crystaltechno.com](mailto:kozhevnikova@crystaltechno.com)

Material	Description	Dimensions	Notes	Quantity	No.	Price, Euro
FS UV	lens (ball)	10 mm dia, FL=5		7 pcs	12003	€ 115
FS UV	lens meniscus	12,5 mm dia R1=R2=100 mm	R=45% at 1,064 $\mu$ m, p<0,25%	1 pc	7022/1	€ 125
FS UV	lens meniscus	12,5 mm dia R1=R2=100 mm	R=50% at 1,064 $\mu$ m, p<0,25%	1 pc	7022/2	€ 125
FS UV	lens bi-cc	12,66 mm dia x 2,1 (tc), FL=14,46	te=4,9 mm, R1=R2=-13,58 mm	2 pcs	8541	€ 85
FS UV	lens pl-cvx	12,7 mm dia x 3,3 FL=35		4 pcs	2948	€ 20
FS UV	lens pl-cvx	15 mm dia, FL=50		1 pc	12003	€ 130
FS UV	lens pl-cvx	15 mm dia, FL=150		2 pcs	12003	€ 120
FS UV	lens bi-cvx	FL=72.9÷74.4	R1=R2=67.5	2 pcs	8541/6	€ 85
FS UV	lens meniscus	20 mm dia R1=30,79; R2=23,53		1 pc	1298	€ 68
FS UV	brewster	25,4 mm dia x 6 mm		20 pcs	1782/2	€ 35
FS Visible	lens bi-cvx	35 mm dia x 3,175 mm FL=234,19		66 pcs	2259	€ 30
FS UV	lens bi-cvx	35 mm dia x 5 mm	S1: AR/R<0,2% at 1,6 $\mu$ m; S2: HR/R >99,5% at 1,4÷1,55 $\mu$ m	2 pcs	13492	€ 340
FS UV	lens pl-cvx	20 mm dia x 3 mm	AR/AR at 1070 nm	1 pc	7430/1	€ 73
FS UV	lens pl-cvx	50,8 mm dia x 3(te), FL=300 mm	AR/AR at 248 nm	2 pcs	5803/2	€ 130
FS UV	lens pl-cvx	125 mm dia x 15, R=26170 mm		1 pc	3731/2	€ 270
FS UV	mirror (ccv)	6 mm dia x 2 mm ROC=15 mm	1 side: T $\leq$ 0,1% at $\lambda$ =1064 nm; T $\geq$ 90% at $\lambda$ =809 nm; T $\geq$ 90% at $\lambda$ =809 nm; T $\geq$ 90% at $\lambda$ =532 nm; AOI=10°; 2 side: p<5% at $\lambda$ =532, 809 nm	20 pcs	2580	€ 32
FS UV	mirror (convex)	8 mm dia x 6,1 mm (te)	R=199,106 mm, $\lambda$ =(450-600) nm, Ref=99,5%, dielectric coating with protective overcoat, with holders	1 pc	5303/2	€ 85
FS UV	mirror (convex)	8 mm dia x 6,1 mm (te)	R=50,03 mm, $\lambda$ =(450-600) nm, Ref=99,5%, dielectric coating with protective overcoat, with holders	1 pc	5303/2	€ 85
FS UV	mirror (convex)	8 mm dia x 6,1 mm (te)	R=149,09 mm, $\lambda$ =(450-600) nm, Ref=99,5%, dielectric coating with protective overcoat, with holders	1 pc	5303/2	€ 85
FS UV	mirror (convex)	8 mm dia x 6,1 mm (te)	R=100,06 mm, $\lambda$ =(450-600) nm, Ref=99,5%, dielectric coating with protective overcoat, with holders	1 pc	5303/2	€ 85

FS UV	mirror (ccv)	12,7 mm dia x 6 mm ROC=40 mm	1 side: HR 1064 nm/ HT (808 & 532 nm); 2 side: AR at 532, 808, 1064 nm	3 pcs	2517/3	€ 62
FS UV	mirror (ccv)	12,7 mm dia x 6 mm ROC=50 mm	1 side: HR 1064 nm/ HT (808 & 532 nm); 2 side: AR at 532, 808, 1064 nm	2 pcs	2517/4	€ 62
FS UV	mirror (ccv)	12,7 mm dia x 6 mm ROC=100 mm	1 side: HR 1064 nm/ HT (808 & 532 nm); 2 side: AR at 532 nm	1 pc	2517/6	€ 62
FS UV	mirror	12,7 mm dia x 3 mm	1 side: T:3% at 532 nm; 2 side: AR at 532 nm	1 pc	2517/11	€ 50
FS UV	mirror	12,7 mm dia x 3 mm	1 side: T:3% at 532 nm; 2 side: AR at 532 nm	1 pc	2517/12	€ 50
FS UV	mirror	12,7 mm dia x 3 mm	1 side: T:5% at 532 nm; 2 side: AR at 532 nm	1 pc	2517/13	€ 50
FS UV	mirror (concave)	12,7 mm dia x 3,3 mm ROC=50 mm	1 side: HR 1,06, HR 532 nm; 2 side: AR at 532 nm	1 pc	2517/14	€ 50
FS UV	mirror (concave)	12,7 mm dia x 3,3 mm ROC=80 mm	1 side: HR 1,06, HR 532 nm; 2 side: AR at 532 nm	2 pcs	2517/15	€ 50
FS UV	mirror (concave)	12,7 mm dia x 3,3 mm ROC=100 mm	1 side: HR 1,06, HR 532 nm; 2 side: AR at 532 nm	4 pcs	2517/16	€ 50
FS UV	mirror (concave)	12,7 mm dia x 3,3 mm ROC=200 mm	1 side: HR 1,06, HR 532 nm; 2 side: AR at 532 nm	1 pc	2517/17	€ 50
FS UV	mirror (concave)	12,7 mm dia x 3,3 ROC=50 mm	1 side: T:1% at 532 nm ; 2 side: AR at 532 nm	5 pcs	2517/19	€ 50
FS UV	mirror (concave)	12,7 mm dia x 3,3 ROC=80 mm	1 side: T:1% at 532 nm ; 2 side: AR at 532 nm	2 pcs	2517/20	€ 50
FS UV	mirror (concave)	12,7 mm dia x 3,3 ROC=80 mm	1 side: T:2% at 532 nm ; 2 side: AR at 532 nm	3 pcs	2517/21	€ 50
FS UV	mirror (concave)	12,7 mm dia x 3,3 ROC=100 mm	1 side: T:1% at 532 nm ; 2 side: AR at 532 nm	1 pc	2517/22	€ 50
FS UV	mirror (concave)	12,7 mm dia x 3,3 ROC=100 mm	1 side: T:2% at 532 nm ; 2 side: AR at 532 nm	1 pc	2517/23	€ 50
FS UV	mirror	20 mm x 20 mm x 5 mm	1 side: Ag+SiO2 coated, AOI=90°, R>95%, 2 side - without coating	5 pcs	3529/1	€ 55
FS UV	mirror	20 mm x 20 mm x 5 mm	1 side: Ag+SiO2 coated, AOI=45°, 2 side: AR at $\lambda=0.63\mu\text{m}$ R=50%	2 pcs	3529/2	€ 120
FS UV	mirror	20 mm dia x 5 mm	dichroic, for $\lambda=637\text{ nm}$ & $1064\text{ nm}$ , AOI=0°-20°	3 pcs	8398/4	€ 90
FS UV	mirror	20 mm dia x 5 mm	dichroic, for $\lambda=637\text{ nm}$ & $1064\text{ nm}$ , AOI=45°	5 pcs	8398/4	€ 110
FS UV	mirror	25 mm dia x 5 mm	R=30 - 70% at $\lambda=(532\div 655)\text{ nm}$	2 pcs		€ 60
FS UV	mirror	25 mm dia x 6 mm	HR@532 nm, (R>99,8%), for AOI 45°	1 pc	3690/2	€ 70
FS Vis	mirror	25,0 mm dia x 5 mm	$\lambda=1064\text{ nm}$ , AOI=45°	1 pc	1361	€ 150
FS UV	mirror	25,4 mm dia x 7 mm	$\lambda=248\text{ nm}$ , AOI=8°	2 pcs	6811	€ 45
FS UV	mirror	25,4 mm dia x 4 mm	R=99,8% at $\lambda=1315\text{ nm}$	2 pcs	4759/2	€ 130
FS Vis	mirror	25,4 mm dia x 3 mm	dielectric coating: $\lambda=1,06\mu\text{m}$	4 pcs	7542/1	€ 38
FS UV	mirror	25,4 mm dia x 6 mm	ROC=3000 mm, $\lambda=1064\text{ nm}$ , $p\geq 99,7\%$	3 pcs		€ 140
FS UV	mirror	38 mm dia x 6,5 mm	$p(\lambda=355\text{ nm}) \rightarrow 1$ ; $p(\lambda=532; 1064\text{ nm}) \rightarrow 0$	1 pc	13299	€ 170
FS UV	mirror	38 mm dia x 6,5 mm	$p(\lambda=332\text{ nm}) \rightarrow 1$ ; $p(\lambda=1064\text{ nm}) \rightarrow 0$	1 pc	13299	€ 170
FS UV	mirror	38,1 mm dia x 5 mm	$r>99\%$ at $248\text{ nm}$ , AOI 45 degree of arc.	4 pcs	5803/1	€ 90
FS UV	mirror	40 mm dia x 6mm	$p>=98\%$ $\lambda=(500-900)\text{nm}$	1 pc	1409	€ 76
FS UV	mirror	40 mm dia x 8 mm	dielectric coating: $p>99\%$ for $\lambda=248\text{ nm}$ , AOI=45°	1 pc	5767/1	€ 55
FS UV	mirror	50 mm dia x 6 mm	dielectric coating: $p>99\%$ for $\lambda=248\text{ nm}$ , AOI=0°	2 pcs	5767/2	€ 85
FS Vis	mirror	50 mm x 50 mm x 6 mm	dielectric, $\lambda=1,06\mu\text{m}$	1 pc	7542/2	€ 68
FS Vis	mirror	50.8 mm dia x 9 mm	Au-coated	3 pcs	775	€ 68
FS Vis	mirror	50.8 mm dia x 9 mm	Ag-coated	1 pc	1313	€ 55
FS UV	mirror	50.8 mm dia x 10 mm	dielectric coating: $p\geq 99,5\%$ , $\lambda=1,07\mu\text{m}$	3 pcs	5288	€ 96

FS UV	mirror	50.8 mm dia x 10 mm	$\lambda=248$ nm, AOI=8°	1 pc	6811	€ 65
FS UV	mirror	50 mm dia x 5 mm	$\lambda=248$ nm $\rho > 99,6\%$	2 pc		€ 180
FS Vis	mirror	50 mm dia x 6mm	Ref>99,5% $\lambda=308$ nm AOI 45° 2-side uncoat.	1 pc	1361/3	€ 115
FS UV	mirror	60 mm dia x 15 mm	Ref=96% $\lambda=1315$ nm	8 pcs	3254	€ 90
FS UV	mirror	60 mm dia x 15 mm	Ref=99,8% $\lambda=1315$ nm	3 pcs	5047	€ 110
FS UV	mirror	60 mm dia x 15 mm	Ref=97% $\lambda=1315$ nm	2 pcs	6216	€ 120
FS UV	mirror pl-ccv	60 mm dia x 15 mm	R=-10 m, Ref > 99%	2 pcs	6216	€ 120
FS UV	mirror pl-ccv	60 mm dia x 10 mm (te)	R=-5649 mm, Ref > 99,5%, $\lambda=450-600$ nm, dielectric coating, with ring	1 pc	5303/1	€ 210
FS UV	mirror	120 mm dia x 10 mm	$\lambda=800$ nm	10 pcs	9364	€ 999
FS UV	mirror	125 mm dia x 15 mm	T=10%, AR	1 pc	3638	€ 330
FS UV	mirror	125 mm dia x 15 mm	T=12,5%, AR	1 pc	3638	€ 330
FS UV	blank	41 mm dia x 7,5 mm		1 pc	3274	€ 10
FS UV	light guide	12 mm dia x 27 mm		2 pcs	11617	€ 15
FS UV	light guide	14,81 mm dia x 12 mm	N<1; $\Delta N < 0,5$ ; P IV	1 pc	11617	€ 85
FS UV	window	2,5 mm dia x 1,9 mm		20 pcs	7586	€ 5
FS UV	window	7,0 mm dia x 1 mm		8 pcs	5919	€ 16
FS UV	window	7,5 mm dia x 7 mm		195 pcs	2948	€ 12
FS UV	window	10 mm dia x 0.3 mm	AR/AR at 800 nm; R<0,5%	1 pc	2586/1	€ 23
FS UV	window	12,5 mm dia x 4 mm		2 pcs	9620	€ 70
FS IR	filter	12,7 mm dia x 3,0 mm	interference filter for 2128 nm, FWHM: 40 nm, T≥70%	7 pcs	8672	€ 115
FS UV	window	13 mm dia x 2 mm	S/D=IV	1 pc	11456/4	€ 12
FS Vis	ring	13 (10) mm dia x 5 mm		2 pcs	10447	€ 25
FS UV	step window	20 (6) mm dia x 18 mm		3 pcs	6115	€ 65
FS UV	window	25 x 22,5 x 18 mm	2 sides are polished	2 pcs	7673*	€ 115
FS UV	window	25 x 25 x 2 mm		2 pcs	12417	€ 26
FS UV	window	25 x 25 x 3 mm	P IV	4 pcs	14376	€ 35
FS UV	window	25 mm dia x 2,5 mm	AR/AR at 355, 532, 1064 nm	2 pcs	13299	€ 220
FS UV	window	25 mm dia x 2,5 mm	N=2; $\Delta N=1$ ; P III	2 pcs	13299	€ 12
FS UV	window	25,4 mm dia x 3 mm		1 pc	10959/3	€ 35
FS UV	window	25,4 mm dia x 3 mm	reflective coating 50%/50% (45°), $\lambda=1030$ nm	2 pcs	13227	€ 180
FS UV	window	25,4 mm dia x 3 mm	reflective coating 50%/50% (45°), $\lambda=515$ nm	1 pc	13227	€ 180
FS UV	window	25,4 mm dia x 1,5 (±0,1) mm	N=2; $\Delta N=1$ ; P=IV	1 pc	14050	€ 30
FS UV	window	30 x 15 x 2 mm		2 pcs	12417	€ 31
FS IR	wedged window	30 mm x 20 mm	wedge = 2°±3' (min thickness 0,7÷3,7 mm; max thickness 1,7÷4,7 mm - per 1 pc each)	2 pcs	7164	€ 45
FS UV	window	30 x 20 x 2 mm		17 pcs	13179	€ 28
FS IR	wedged window	30 x 20 x t (t=0,7; 1,7; 2,2; 3,2; 3,7; 4,2)	wedge=2°	6 pcs	9102	€ 70
FS UV	window	30 x 15 x 2 mm		2 pc	13264/1	€ 20
FS UV	window	35 mm dia x 3 mm	N<1; $\Delta N=0,3$ ; P II	3 pcs	10754/3	€ 38
FS UV	window	37 mm dia x 20,4 mm		1 pc	10604/3	€ 55

FS IR	window	38 mm dia x 1 mm		1pc	13746	€ 129
FS UV	window	38,1 mm dia x 3 mm		1 pc	11578	€ 37
FS UV	window	38,1 mm dia x 5 mm	N<1; ΔN=0,5; P V	8 pcs	14065	€ 34
FS UV	window	40 mm dia x 6 mm	N<1; ΔN=0,3; P II	3 pcs	10754/2	€ 40
FS UV	window	44 mm dia x 3 mm		1 pc		€ 38
FS UV	window (wedge)	46 mm dia x 6 mm	wedge = 3°	2 pcs	5427/6	€ 40
FS UV	window	48 mm dia x 20 mm		1 pc	10604/2	€ 90
FS UV	window (wedge)	50,8 mm dia x 8 mm	wedge = 3°±2'	1 pc		€ 135
FS UV	window (wedge)	64 mm dia x 8 mm	wedge = 3°	1 pc	5427/5	€ 95
FS UV	window	45 mm dia x 8 mm	with wedge < 30"	4 pcs	3736	€ 55
FS IR	window	47,5 mm dia x 4 mm		2 pcs	9061	€ 115
FS Vis	window	50 mm dia x 10 mm	AR λ=1315 nm R<0.2%	1 pc	869/1	€ 164
FS UV	window (wedge)	58 mm dia x 3,5 mm	wedge 30'	3 pcs	3576	€ 33
FS UV	window	59,88 mm dia x 24,55 mm		1 pc	10604	€ 110
FS UV	window	59,94 mm dia x 20,3 mm		1 pc	10604	€ 110
FS UV	window	59,96 mm dia x 12,37 mm		1 pc	10604	€ 70
FS UV	window	59,96 mm dia x 16,08 mm		1 pc	10604	€ 75
FS UV	window	75 x 25 x 2 mm		2 pcs	12417	€ 78
FS UV	window	75 mm dia x 7 mm	AR at λ=0,27 μm	1 pc	14180	€ 170
FS UV	window	110 mm dia x 10 mm	AR/AR at λ=1,06 μm	3 pcs		€ 530
FS UV	beamsplitters	25,4 mm dia x 4 mm	AR λ=1,315 μm R/T=50/50	4 pcs	4759/1	€ 130
FS UV	beamsplitters	36,8 mm dia x 3 mm	Ref=50±10% λ1=1064 nm, λ2=1540-1570 nm AOI=45°	1 pc	2769/1	€ 395
FS UV	beamsplitters	47,0 mm dia x 3 mm	Ref=50±10% λ1=1064 nm, λ2=1540-1570 nm AOI=45°	1 pc	2769/2	€ 395
FS UV	beamsplitters	50,8 mm dia x 2 mm	AR λ=400 nm R/T=10/90	2 pcs	1970/3	€ 145
FS UV	beamsplitters	50,8 mm dia x 2 mm	AR λ=400 nm R/T=30/70	1 pc	1970/3	€ 145
FS UV	Deviation prism	8,5 mm x 8,5 mm x 8,5 mm	AR at λ=1064 nm on leg surfaces, R<0,3%	3 pcs	4179/2	€ 95
FS UV	Deviation prism	8,5 mm x 8,5 mm x 8,5 mm	AR at λ=1064 nm on leg surfaces, R<0,3%	5 pcs	4496/2	€ 90
FS UV	Q-Switch prism	8,5 mm x 8,5 mm x 8,5 mm	AR at λ=1064 nm, R<0,3%	1 pc	4496/1	€ 150
FS UV	Porro prism	15 mm dia x 10,5 mm		2 pcs	7650	€ 180
FS IR	equilateral prism	15 x 15 x 15 mm	angle 60°	1 pc	9136	€ 246
FS UV	corner cube retroreflector	15 mm dia x 14,6 mm, 180°	AR at λ=1064 nm	1 pc	3721/1	€ 200
FS UV	right-angle prism	25,4 x 25,4 x 25,4 mm	AR at λ=(500÷1000) nm, high damage threshold	2 pcs	11530	€ 360
FS UV	right-angle prism	25,4 x 25,4 x 25,4 mm		2 pcs	11530	€ 210
FS UV	right-angle prism	29,5 x 29,5 x 29,5 mm	N=2; ΔN=1; PIII	1 pc	13403	€ 225
KS4V	window	35 x 30 x 4,5 (±0,1) mm	NA=1; PIV	2 pcs	10391/2	€ 110
KS4V	window	50,8 mm dia x 3,175 mm		1 pc	6237	€ 55