



Sealed Optics

Calcium Fluoride – 1.33CF (DN16)

Nominal View Diameter Inches	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
CaF-001 - Calcium Fluoride - Ultraviolet Grade - 0.50 View - 304 Stainless Steel Flange - 1.33 (DN16)									
0.50	CaF2	UV	1.33 (DN16)	304ss	< 1.1	1	Both covers	CaF-001-1	\$665
0.50	CaF2	UV	1.33 (DN16)	304ss	< 1.1	2	Transparent	CaF-001-2	\$645
0.50	CaF2	UV	1.33 (DN16)	304ss	< 1.1	3	Bake-out	CaF-001-3	\$645
0.50	CaF2	UV	1.33 (DN16)	304ss	< 1.1	4	No Safety	CaF-001-4	\$625
CaF-011 - Calcium Fluoride - 157nm VUV Grade - 0.50 View - 304 Stainless Steel Flange - 1.33 (DN16)									
0.50	CaF2	157nm VUV	1.33 (DN16)	304ss	< 1.1	1	Both covers	CaF-011-1	\$895
0.50	CaF2	157nm VUV	1.33 (DN16)	304ss	< 1.1	2	Transparent	CaF-011-2	\$875
0.50	CaF2	157nm VUV	1.33 (DN16)	304ss	< 1.1	3	Bake-out	CaF-011-3	\$875
0.50	CaF2	157nm VUV	1.33 (DN16)	304ss	< 1.1	4	No Safety	CaF-011-4	\$855
CaF-021 - Calcium Fluoride - Ultraviolet Grade - 0.50 View - Nonmagnetic Stainless Steel Flange - 1.33 (DN16)									
0.50	CaF2	UV	1.33 (DN16)	Low μ ss	< 1.005	1	Both covers	CaF-021-1	\$840
0.50	CaF2	UV	1.33 (DN16)	Low μ ss	< 1.005	2	Transparent	CaF-021-2	\$820
0.50	CaF2	UV	1.33 (DN16)	Low μ ss	< 1.005	3	Bake-out	CaF-021-3	\$820
0.50	CaF2	UV	1.33 (DN16)	Low μ ss	< 1.005	4	No Safety	CaF-021-4	\$800
CaF-031 - Calcium Fluoride - 157nm VUV Grade - 0.50 View - Nonmagnetic Stainless Steel Flange - 1.33 (DN16)									
0.50	CaF2	157nm VUV	1.33 (DN16)	Low μ ss	< 1.005	1	Both covers	CaF-031-1	\$1,050
0.50	CaF2	157nm VUV	1.33 (DN16)	Low μ ss	< 1.005	2	Transparent	CaF-031-2	\$1,030
0.50	CaF2	157nm VUV	1.33 (DN16)	Low μ ss	< 1.005	3	Bake-out	CaF-031-3	\$1,030
0.50	CaF2	157nm VUV	1.33 (DN16)	Low μ ss	< 1.005	4	No Safety	CaF-031-4	\$1,010



Fig 1



Fig 2



Fig 3



Fig 4



Sealed Optics

Calcium Fluoride – 2.75CF (DN40)

Nominal View Diameter Inches	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
CaF-002 - Calcium Fluoride - Ultraviolet Grade - 1.0 View - 304 Stainless Steel Flange - 2.75 (DN40)									
1.00	CaF2	UV	2.75 (DN40)	304ss	< 1.1	1	Both covers	CaF-002-1	\$665
1.00	CaF2	UV	2.75 (DN40)	304ss	< 1.1	2	Transparent	CaF-002-2	\$645
1.00	CaF2	UV	2.75 (DN40)	304ss	< 1.1	3	Bake-out	CaF-002-3	\$645
1.00	CaF2	UV	2.75 (DN40)	304ss	< 1.1	4	No Safety	CaF-002-4	\$625
CaF-012 - Calcium Fluoride - 157nm VUV Grade - 1.0 View - 304 Stainless Steel Flange - 2.75 (DN40)									
1.00	CaF2	157nm VUV	2.75 (DN40)	304ss	< 1.1	1	Both covers	CaF-012-1	\$895
1.00	CaF2	157nm VUV	2.75 (DN40)	304ss	< 1.1	2	Transparent	CaF-012-2	\$875
1.00	CaF2	157nm VUV	2.75 (DN40)	304ss	< 1.1	3	Bake-out	CaF-012-3	\$875
1.00	CaF2	157nm VUV	2.75 (DN40)	304ss	< 1.1	4	No Safety	CaF-012-4	\$855
CaF-022 - Calcium Fluoride - Ultraviolet Grade - 1.0 View - Nonmagnetic Stainless Steel Flange - 2.75 (DN40)									
1.00	CaF2	UV	2.75 (DN40)	Low μ ss	< 1.005	1	Both covers	CaF-022-1	\$840
1.00	CaF2	UV	2.75 (DN40)	Low μ ss	< 1.005	2	Transparent	CaF-022-2	\$820
1.00	CaF2	UV	2.75 (DN40)	Low μ ss	< 1.005	3	Bake-out	CaF-022-3	\$820
1.00	CaF2	UV	2.75 (DN40)	Low μ ss	< 1.005	4	No Safety	CaF-022-4	\$800
CaF-032 - Calcium Fluoride - 157nm VUV Grade - 1.0 View - Nonmagnetic Stainless Steel Flange - 2.75 (DN40)									
1.00	CaF2	157nm VUV	2.75 (DN40)	Low μ ss	< 1.005	1	Both covers	CaF-032-1	\$1,050
1.00	CaF2	157nm VUV	2.75 (DN40)	Low μ ss	< 1.005	2	Transparent	CaF-032-2	\$1,030
1.00	CaF2	157nm VUV	2.75 (DN40)	Low μ ss	< 1.005	3	Bake-out	CaF-032-3	\$1,030
1.00	CaF2	157nm VUV	2.75 (DN40)	Low μ ss	< 1.005	4	No Safety	CaF-032-4	\$1,010



Fig 1



Fig 2



Fig 3



Fig 4



Sealed Optics

Calcium Fluoride - 4.50CF (DN63)

Nominal View Diameter Inches	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
CaF-003 - Calcium Fluoride - Ultraviolet Grade - 2.0 View - 304 Stainless Steel Flange - 4.50 (DN63)									
2.00	CaF2	UV	4.50 (DN63)	304ss	< 1.1	1	Both covers	CaF-003-1	\$2,165
2.00	CaF2	UV	4.50 (DN63)	304ss	< 1.1	2	Transparent	CaF-003-2	\$2,145
2.00	CaF2	UV	4.50 (DN63)	304ss	< 1.1	3	Bake-out	CaF-003-3	\$2,145
2.00	CaF2	UV	4.50 (DN63)	304ss	< 1.1	4	No Safety	CaF-003-4	\$2,125
CaF-013 - Calcium Fluoride - 157nm VUV Grade - 2.0 View - 304 Stainless Steel Flange - 4.50 (DN63)									
2.00	CaF2	157nm VUV	4.50 (DN63)	304ss	< 1.1	1	Both covers	CaF-013-1	\$2,510
2.00	CaF2	157nm VUV	4.50 (DN63)	304ss	< 1.1	2	Transparent	CaF-013-2	\$2,485
2.00	CaF2	157nm VUV	4.50 (DN63)	304ss	< 1.1	3	Bake-out	CaF-013-3	\$2,485
2.00	CaF2	157nm VUV	4.50 (DN63)	304ss	< 1.1	4	No Safety	CaF-013-4	\$2,460
CaF-023 - Calcium Fluoride - Ultraviolet Grade - 2.0 View - Nonmagnetic Stainless Steel Flange - 4.50 (DN63)									
2.00	CaF2	UV	4.50 (DN63)	Low μ ss	< 1.005	1	Both covers	CaF-023-1	\$2,325
2.00	CaF2	UV	4.50 (DN63)	Low μ ss	< 1.005	2	Transparent	CaF-023-2	\$2,300
2.00	CaF2	UV	4.50 (DN63)	Low μ ss	< 1.005	3	Bake-out	CaF-023-3	\$2,300
2.00	CaF2	UV	4.50 (DN63)	Low μ ss	< 1.005	4	No Safety	CaF-023-4	\$2,275
CaF-033 - Calcium Fluoride - 157nm VUV Grade - 2.0 View - Nonmagnetic Stainless Steel Flange - 4.50 (DN63)									
2.00	CaF2	157nm VUV	4.50 (DN63)	Low μ ss	< 1.005	1	Both covers	CaF-033-1	\$2,725
2.00	CaF2	157nm VUV	4.50 (DN63)	Low μ ss	< 1.005	2	Transparent	CaF-033-2	\$2,700
2.00	CaF2	157nm VUV	4.50 (DN63)	Low μ ss	< 1.005	3	Bake-out	CaF-033-3	\$2,700
2.00	CaF2	157nm VUV	4.50 (DN63)	Low μ ss	< 1.005	4	No Safety	CaF-033-4	\$2,675



Fig 1



Fig 2



Fig 3



Fig 4



Magnesium Fluoride - 1.33CF (DN16)

Nominal View Diameter	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
MgF-001 - Magnesium Fluoride - Ultraviolet Grade - 0.50 View - 304 Stainless Steel Flange - 1.33 (DN16)									
0.50	MgF2	UV	1.33 (DN16)	304ss	< 1.1	1	Both covers	MgF-001-1	\$665
0.50	MgF2	UV	1.33 (DN16)	304ss	< 1.1	2	Transparent	MgF-001-2	\$645
0.50	MgF2	UV	1.33 (DN16)	304ss	< 1.1	3	Bake-out	MgF-001-3	\$645
0.50	MgF2	UV	1.33 (DN16)	304ss	< 1.1	4	No Safety	MgF-001-4	\$625
MgF-011 - Magnesium Fluoride - 157nm VUV Grade - 0.50 View - 304 Stainless Steel Flange - 1.33 (DN16)									
0.50	MgF2	157nm VUV	1.33 (DN16)	304ss	< 1.1	1	Both covers	MgF-011-1	\$895
0.50	MgF2	157nm VUV	1.33 (DN16)	304ss	< 1.1	2	Transparent	MgF-011-2	\$875
0.50	MgF2	157nm VUV	1.33 (DN16)	304ss	< 1.1	3	Bake-out	MgF-011-3	\$875
0.50	MgF2	157nm VUV	1.33 (DN16)	304ss	< 1.1	4	No Safety	MgF-011-4	\$855
MgF-021 - Magnesium Fluoride - Ultraviolet Grade - 0.50 View - Nonmagnetic Stainless Steel Flange - 1.33 (DN16)									
0.50	MgF2	UV	1.33 (DN16)	Low μ ss	< 1.005	1	Both covers	MgF-021-1	\$840
0.50	MgF2	UV	1.33 (DN16)	Low μ ss	< 1.005	2	Transparent	MgF-021-2	\$820
0.50	MgF2	UV	1.33 (DN16)	Low μ ss	< 1.005	3	Bake-out	MgF-021-3	\$820
0.50	MgF2	UV	1.33 (DN16)	Low μ ss	< 1.005	4	No Safety	MgF-021-4	\$800
MgF-031 - Magnesium Fluoride - 157nm VUV Grade - 0.50 View - Nonmagnetic Stainless Steel Flange - 1.33 (DN16)									
0.50	MgF2	157nm VUV	1.33 (DN16)	Low μ ss	< 1.005	1	Both covers	MgF-031-1	\$1,050
0.50	MgF2	157nm VUV	1.33 (DN16)	Low μ ss	< 1.005	2	Transparent	MgF-031-2	\$1,030
0.50	MgF2	157nm VUV	1.33 (DN16)	Low μ ss	< 1.005	3	Bake-out	MgF-031-3	\$1,030
0.50	MgF2	157nm VUV	1.33 (DN16)	Low μ ss	< 1.005	4	No Safety	MgF-031-4	\$1,010



Fig 1



Fig 2



Fig 3



Fig 4



Magnesium Fluoride - 2.75CF (DN40)

Nominal View Diameter Inches	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
MgF-002 - Magnesium Fluoride - Ultraviolet Grade - 1.0 View - 304 Stainless Steel Flange - 2.75 (DN40)									
1.00	MgF2	UV	2.75 (DN40)	304ss	< 1.1	1	Both covers	MgF-002-1	\$665
1.00	MgF2	UV	2.75 (DN40)	304ss	< 1.1	2	Transparent	MgF-002-2	\$645
1.00	MgF2	UV	2.75 (DN40)	304ss	< 1.1	3	Bake-out	MgF-002-3	\$645
1.00	MgF2	UV	2.75 (DN40)	304ss	< 1.1	4	No Safety	MgF-002-4	\$625
MgF-012 - Magnesium Fluoride - 157nm VUV Grade - 1.0 View - 304 Stainless Steel Flange - 2.75 (DN40)									
1.00	MgF2	157nm VUV	2.75 (DN40)	304ss	< 1.1	1	Both covers	MgF-012-1	\$895
1.00	MgF2	157nm VUV	2.75 (DN40)	304ss	< 1.1	2	Transparent	MgF-012-2	\$875
1.00	MgF2	157nm VUV	2.75 (DN40)	304ss	< 1.1	3	Bake-out	MgF-012-3	\$875
1.00	MgF2	157nm VUV	2.75 (DN40)	304ss	< 1.1	4	No Safety	MgF-012-4	\$855
MgF-022 - Magnesium Fluoride - Ultraviolet Grade - 1.0 View - Nonmagnetic Stainless Steel Flange - 2.75 (DN40)									
1.00	MgF2	UV	2.75 (DN40)	Low μ ss	< 1.005	1	Both covers	MgF-022-1	\$840
1.00	MgF2	UV	2.75 (DN40)	Low μ ss	< 1.005	2	Transparent	MgF-022-2	\$820
1.00	MgF2	UV	2.75 (DN40)	Low μ ss	< 1.005	3	Bake-out	MgF-022-3	\$820
1.00	MgF2	UV	2.75 (DN40)	Low μ ss	< 1.005	4	No Safety	MgF-022-4	\$800
MgF-032 - Magnesium Fluoride - 157nm VUV Grade - 1.0 View - Nonmagnetic Stainless Steel Flange - 2.75 (DN40)									
1.00	MgF2	157nm VUV	2.75 (DN40)	Low μ ss	< 1.005	1	Both covers	MgF-032-1	\$1,050
1.00	MgF2	157nm VUV	2.75 (DN40)	Low μ ss	< 1.005	2	Transparent	MgF-032-2	\$1,030
1.00	MgF2	157nm VUV	2.75 (DN40)	Low μ ss	< 1.005	3	Bake-out	MgF-032-3	\$1,030
1.00	MgF2	157nm VUV	2.75 (DN40)	Low μ ss	< 1.005	4	No Safety	MgF-032-4	\$1,010



Fig 1



Fig 2



Fig 3



Fig 4



Sealed Optics

Magnesium Fluoride - 4.50CF (DN63)

Nominal View Diameter	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
MgF-003 - Magnesium Fluoride - Ultraviolet Grade - 2.0 View - 304 Stainless Steel Flange - 4.50 (DN63)									
2.00	MgF2	UV	4.50 (DN63)	304ss	< 1.1	1	Both covers	MgF-003-1	\$2,165
2.00	MgF2	UV	4.50 (DN63)	304ss	< 1.1	2	Transparent	MgF-003-2	\$2,145
2.00	MgF2	UV	4.50 (DN63)	304ss	< 1.1	3	Bake-out	MgF-003-3	\$2,145
2.00	MgF2	UV	4.50 (DN63)	304ss	< 1.1	4	No Safety	MgF-003-4	\$2,125
MgF-013 - Magnesium Fluoride - 157nm VUV Grade - 2.0 View - 304 Stainless Steel Flange - 4.50 (DN63)									
2.00	MgF2	157nm VUV	4.50 (DN63)	304ss	< 1.1	1	Both covers	MgF-013-1	\$2,510
2.00	MgF2	157nm VUV	4.50 (DN63)	304ss	< 1.1	2	Transparent	MgF-013-2	\$2,485
2.00	MgF2	157nm VUV	4.50 (DN63)	304ss	< 1.1	3	Bake-out	MgF-013-3	\$2,485
2.00	MgF2	157nm VUV	4.50 (DN63)	304ss	< 1.1	4	No Safety	MgF-013-4	\$2,460
MgF-023 - Magnesium Fluoride - Ultraviolet Grade - 2.0 View - Nonmagnetic Stainless Steel Flange - 4.50 (DN63)									
2.00	MgF2	UV	4.50 (DN63)	Low μ ss	< 1.005	1	Both covers	MgF-023-1	\$2,325
2.00	MgF2	UV	4.50 (DN63)	Low μ ss	< 1.005	2	Transparent	MgF-023-2	\$2,300
2.00	MgF2	UV	4.50 (DN63)	Low μ ss	< 1.005	3	Bake-out	MgF-023-3	\$2,300
2.00	MgF2	UV	4.50 (DN63)	Low μ ss	< 1.005	4	No Safety	MgF-023-4	\$2,275
MgF-033 - Magnesium Fluoride - 157nm VUV Grade - 2.0 View - Nonmagnetic Stainless Steel Flange - 4.50 (DN63)									
2.00	MgF2	157nm VUV	4.50 (DN63)	Low μ ss	< 1.005	1	Both covers	MgF-033-1	\$2,725
2.00	MgF2	157nm VUV	4.50 (DN63)	Low μ ss	< 1.005	2	Transparent	MgF-033-2	\$2,700
2.00	MgF2	157nm VUV	4.50 (DN63)	Low μ ss	< 1.005	3	Bake-out	MgF-033-3	\$2,700
2.00	MgF2	157nm VUV	4.50 (DN63)	Low μ ss	< 1.005	4	No Safety	MgF-033-4	\$2,675



Fig 1



Fig 2



Fig 3



Fig 4



Zinc Selenide - 1.33CF (DN16)

Nominal View Diameter	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
ZSe-001 - Zinc Selenide - Infrared Grade - 0.50 View - 304 Stainless Steel Flange - 1.33 (DN16)									
0.50	ZnSe	IR	1.33 (DN16)	304ss	< 1.1	1	Both covers	ZSe-001-1	\$665
0.50	ZnSe	IR	1.33 (DN16)	304ss	< 1.1	2	Transparent	ZSe-001-2	\$645
0.50	ZnSe	IR	1.33 (DN16)	304ss	< 1.1	3	Bake-out	ZSe-001-3	\$645
0.50	ZnSe	IR	1.33 (DN16)	304ss	< 1.1	4	No Safety	ZSe-001-4	\$625
ZSe-011 - Zinc Selenide - 8-12 BBAR - 0.50 View - 304 Stainless Steel Flange - 1.33 (DN16)									
0.50	ZnSe	8-12 BBAR	1.33 (DN16)	304ss	< 1.1	1	Both covers	ZSe-011-1	\$895
0.50	ZnSe	8-12 BBAR	1.33 (DN16)	304ss	< 1.1	2	Transparent	ZSe-011-2	\$875
0.50	ZnSe	8-12 BBAR	1.33 (DN16)	304ss	< 1.1	3	Bake-out	ZSe-011-3	\$875
0.50	ZnSe	8-12 BBAR	1.33 (DN16)	304ss	< 1.1	4	No Safety	ZSe-011-4	\$855
ZSe-021 - Zinc Selenide - Infrared Grade - 0.50 View - Nonmagnetic Stainless Steel Flange - 1.33 (DN16)									
0.50	ZnSe	IR	1.33 (DN16)	Low μ ss	< 1.005	1	Both covers	ZSe-021-1	\$840
0.50	ZnSe	IR	1.33 (DN16)	Low μ ss	< 1.005	2	Transparent	ZSe-021-2	\$820
0.50	ZnSe	IR	1.33 (DN16)	Low μ ss	< 1.005	3	Bake-out	ZSe-021-3	\$820
0.50	ZnSe	IR	1.33 (DN16)	Low μ ss	< 1.005	4	No Safety	ZSe-021-4	\$800
ZSe-031 - Zinc Selenide - 8-12 BBAR - 0.50 View - Nonmagnetic Stainless Steel Flange - 1.33 (DN16)									
0.50	ZnSe	8-12 BBAR	1.33 (DN16)	Low μ ss	< 1.005	1	Both covers	ZSe-031-1	\$1,050
0.50	ZnSe	8-12 BBAR	1.33 (DN16)	Low μ ss	< 1.005	2	Transparent	ZSe-031-2	\$1,030
0.50	ZnSe	8-12 BBAR	1.33 (DN16)	Low μ ss	< 1.005	3	Bake-out	ZSe-031-3	\$1,030
0.50	ZnSe	8-12 BBAR	1.33 (DN16)	Low μ ss	< 1.005	4	No Safety	ZSe-031-4	\$1,010



Fig 1



Fig 2



Fig 3



Fig 4



Sealed Optics

Zinc Selenide - 2.75CF (DN40)

Nominal View Diameter	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
ZSe-002 - Zinc Selenide - Infrared Grade - 1.0 View - 304 Stainless Steel Flange - 2.75 (DN40)									
1.00	ZnSe	IR	2.75 (DN40)	304ss	< 1.1	1	Both covers	ZSe-002-1	\$665
1.00	ZnSe	IR	2.75 (DN40)	304ss	< 1.1	2	Transparent	ZSe-002-2	\$645
1.00	ZnSe	IR	2.75 (DN40)	304ss	< 1.1	3	Bake-out	ZSe-002-3	\$645
1.00	ZnSe	IR	2.75 (DN40)	304ss	< 1.1	4	No Safety	ZSe-002-4	\$625
ZSe-012 - Zinc Selenide - 8-12 BBAR - 1.0 View - 304 Stainless Steel Flange - 2.75 (DN40)									
1.00	ZnSe	8-12 BBAR	2.75 (DN40)	304ss	< 1.1	1	Both covers	ZSe-012-1	\$895
1.00	ZnSe	8-12 BBAR	2.75 (DN40)	304ss	< 1.1	2	Transparent	ZSe-012-2	\$875
1.00	ZnSe	8-12 BBAR	2.75 (DN40)	304ss	< 1.1	3	Bake-out	ZSe-012-3	\$875
1.00	ZnSe	8-12 BBAR	2.75 (DN40)	304ss	< 1.1	4	No Safety	ZSe-012-4	\$855
ZSe-022 - Zinc Selenide - Infrared Grade - 1.0 View - Nonmagnetic Stainless Steel Flange - 2.75 (DN40)									
1.00	ZnSe	IR	2.75 (DN40)	Low μ ss	< 1.005	1	Both covers	ZSe-022-1	\$840
1.00	ZnSe	IR	2.75 (DN40)	Low μ ss	< 1.005	2	Transparent	ZSe-022-2	\$820
1.00	ZnSe	IR	2.75 (DN40)	Low μ ss	< 1.005	3	Bake-out	ZSe-022-3	\$820
1.00	ZnSe	IR	2.75 (DN40)	Low μ ss	< 1.005	4	No Safety	ZSe-022-4	\$800
ZSe-032 - Zinc Selenide - 8-12 BBAR - 1.0 View - Nonmagnetic Stainless Steel Flange - 2.75 (DN40)									
1.00	ZnSe	8-12 BBAR	2.75 (DN40)	Low μ ss	< 1.005	1	Both covers	ZSe-032-1	\$1,050
1.00	ZnSe	8-12 BBAR	2.75 (DN40)	Low μ ss	< 1.005	2	Transparent	ZSe-032-2	\$1,030
1.00	ZnSe	8-12 BBAR	2.75 (DN40)	Low μ ss	< 1.005	3	Bake-out	ZSe-032-3	\$1,030
1.00	ZnSe	8-12 BBAR	2.75 (DN40)	Low μ ss	< 1.005	4	No Safety	ZSe-032-4	\$1,010

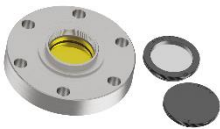


Fig 1



Fig 2



Fig 3

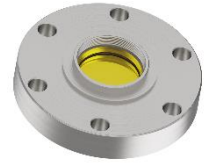


Fig 4



Zinc Selenide - 4.50CF (DN63)

Nominal View Diameter	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
ZSe-003 - Calcium Fluoride - Infrared Grade - 2.0 View - 304 Stainless Steel Flange - 4.50 (DN63)									
2.00	ZnSe	IR	4.50 (DN63)	304ss	< 1.1	1	Both covers	ZSe-003-1	\$2,165
2.00	ZnSe	IR	4.50 (DN63)	304ss	< 1.1	2	Transparent	ZSe-003-2	\$2,145
2.00	ZnSe	IR	4.50 (DN63)	304ss	< 1.1	3	Bake-out	ZSe-003-3	\$2,145
2.00	ZnSe	IR	4.50 (DN63)	304ss	< 1.1	4	No Safety	ZSe-003-4	\$2,125
ZSe-013 - Zinc Selenide - 8-12 BBAR Grade - 2.0 View - 304 Stainless Steel Flange - 4.50 (DN63)									
2.00	ZnSe	8-12 BBAR	4.50 (DN63)	304ss	< 1.1	1	Both covers	ZSe-013-1	\$2,510
2.00	ZnSe	8-12 BBAR	4.50 (DN63)	304ss	< 1.1	2	Transparent	ZSe-013-2	\$2,485
2.00	ZnSe	8-12 BBAR	4.50 (DN63)	304ss	< 1.1	3	Bake-out	ZSe-013-3	\$2,485
2.00	ZnSe	8-12 BBAR	4.50 (DN63)	304ss	< 1.1	4	No Safety	ZSe-013-4	\$2,460
ZSe-023 - Zinc Selenide - Infrared Grade - 2.0 View - Nonmagnetic Stainless Steel Flange - 4.50 (DN63)									
2.00	ZnSe	IR	4.50 (DN63)	Low μ ss	< 1.005	1	Both covers	ZSe-023-1	\$2,325
2.00	ZnSe	IR	4.50 (DN63)	Low μ ss	< 1.005	2	Transparent	ZSe-023-2	\$2,300
2.00	ZnSe	IR	4.50 (DN63)	Low μ ss	< 1.005	3	Bake-out	ZSe-023-3	\$2,300
2.00	ZnSe	IR	4.50 (DN63)	Low μ ss	< 1.005	4	No Safety	ZSe-023-4	\$2,275
ZSe-033 - Zinc Selenide - 8-12 BBAR Grade - 2.0 View - Nonmagnetic Stainless Steel Flange - 4.50 (DN63)									
2.00	ZnSe	8-12 BBAR	4.50 (DN63)	Low μ ss	< 1.005	1	Both covers	ZSe-033-1	\$2,725
2.00	ZnSe	8-12 BBAR	4.50 (DN63)	Low μ ss	< 1.005	2	Transparent	ZSe-033-2	\$2,700
2.00	ZnSe	8-12 BBAR	4.50 (DN63)	Low μ ss	< 1.005	3	Bake-out	ZSe-033-3	\$2,700
2.00	ZnSe	8-12 BBAR	4.50 (DN63)	Low μ ss	< 1.005	4	No Safety	ZSe-033-4	\$2,675

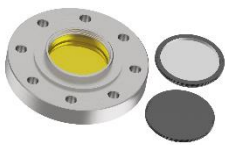


Fig 1

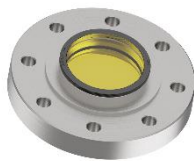


Fig 2



Fig 3

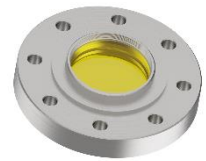


Fig 4



Sealed Optics

Fused Silica – 1.33CF (DN16)

Nominal View Diameter Inches	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
SiO-001 -Fused Silica - DUV Laser Grade - 0.50 View - 304 Stainless Steel Flange - 1.33 (DN16)									
0.50	SiO2	DUV Laser	1.33 (DN16)	304ss	< 1.1	1	Both covers	SiO-001-1	\$340
0.50	SiO2	DUV Laser	1.33 (DN16)	304ss	< 1.1	2	Transparent	SiO-001-2	\$320
0.50	SiO2	DUV Laser	1.33 (DN16)	304ss	< 1.1	3	Bake-out	SiO-001-3	\$320
0.50	SiO2	DUV Laser	1.33 (DN16)	304ss	< 1.1	4	No Safety	SiO-001-4	\$200
0.50	SiO2	DUV Laser	1.33 (DN16)	304ss	< 1.1	5	No Thread	SiO-001-5	\$280
SiO-011 -Fused Silica - 193nm EUV Grade - 0.50 View - 304 Stainless Steel Flange - 1.33 (DN16)									
0.50	SiO2	193nm EUV	1.33 (DN16)	304ss	< 1.1	1	Both covers	SiO-011-1	\$530
0.50	SiO2	193nm EUV	1.33 (DN16)	304ss	< 1.1	2	Transparent	SiO-011-2	\$510
0.50	SiO2	193nm EUV	1.33 (DN16)	304ss	< 1.1	3	Bake-out	SiO-011-3	\$510
0.50	SiO2	193nm EUV	1.33 (DN16)	304ss	< 1.1	4	No Safety	SiO-011-4	\$490
0.50	SiO2	193nm EUV	1.33 (DN16)	304ss	< 1.1	5	No Thread	SiO-011-5	\$470
SiO-021 -Fused Silica - DUV Laser Grade - 0.50 View - Nonmagnetic Stainless Steel Flange - 1.33 (DN16)									
0.50	SiO2	DUV Laser	1.33 (DN16)	Low μ ss	< 1.005	1	Both covers	SiO-021-1	\$500
0.50	SiO2	DUV Laser	1.33 (DN16)	Low μ ss	< 1.005	2	Transparent	SiO-021-2	\$480
0.50	SiO2	DUV Laser	1.33 (DN16)	Low μ ss	< 1.005	3	Bake-out	SiO-021-3	\$480
0.50	SiO2	DUV Laser	1.33 (DN16)	Low μ ss	< 1.005	4	No Safety	SiO-021-4	\$460
0.50	SiO2	DUV Laser	1.33 (DN16)	Low μ ss	< 1.005	5	No Thread	SiO-021-5	\$440
SiO-031 -Fused Silica - 193nm EUV Grade - 0.50 View - Nonmagnetic Stainless Steel Flange - 1.33 (DN16)									
0.50	SiO2	193nm EUV	1.33 (DN16)	Low μ ss	< 1.005	1	Both covers	SiO-031-1	\$700
0.50	SiO2	193nm EUV	1.33 (DN16)	Low μ ss	< 1.005	2	Transparent	SiO-031-2	\$680
0.50	SiO2	193nm EUV	1.33 (DN16)	Low μ ss	< 1.005	3	Bake-out	SiO-031-3	\$680
0.50	SiO2	193nm EUV	1.33 (DN16)	Low μ ss	< 1.005	4	No Safety	SiO-031-4	\$660
0.50	SiO2	193nm EUV	1.33 (DN16)	Low μ ss	< 1.005	5	No Thread	SiO-031-5	\$640



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5



Sealed Optics

Fused Silica – 2.75CF (DN40)

Nominal View Diameter Inches	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
SiO-002 -Fused Silica - DUV Laser Grade - 1.0 View - 304 Stainless Steel Flange - 2.75 (DN40)									
1.00	SiO2	DUV Laser	2.75 (DN40)	304ss	< 1.1	1	Both covers	SiO-002-1	\$390
1.00	SiO2	DUV Laser	2.75 (DN40)	304ss	< 1.1	2	Transparent	SiO-002-2	\$370
1.00	SiO2	DUV Laser	2.75 (DN40)	304ss	< 1.1	3	Bake-out	SiO-002-3	\$370
1.00	SiO2	DUV Laser	2.75 (DN40)	304ss	< 1.1	4	No Safety	SiO-002-4	\$350
1.00	SiO2	DUV Laser	2.75 (DN40)	304ss	< 1.1	5	No Thread	SiO-002-5	\$330
SiO-012 -Fused Silica - 193nm EUV Grade - 1.0 View - 304 Stainless Steel Flange - 2.75 (DN40)									
1.00	SiO2	193nm EUV	2.75 (DN40)	304ss	< 1.1	1	Both covers	SiO-012-1	\$895
1.00	SiO2	193nm EUV	2.75 (DN40)	304ss	< 1.1	2	Transparent	SiO-012-2	\$875
1.00	SiO2	193nm EUV	2.75 (DN40)	304ss	< 1.1	3	Bake-out	SiO-012-3	\$875
1.00	SiO2	193nm EUV	2.75 (DN40)	304ss	< 1.1	4	No Safety	SiO-012-4	\$855
1.00	SiO2	193nm EUV	2.75 (DN40)	304ss	< 1.1	5	No Thread	SiO-012-5	\$830
SiO-022 - Fused Silica - DUV Laser Grade - 1.0 View - Nonmagnetic Stainless Steel Flange - 2.75 (DN40)									
1.00	SiO2	DUV Laser	2.75 (DN40)	Low μ ss	< 1.005	1	Both covers	SiO-022-1	\$720
1.00	SiO2	DUV Laser	2.75 (DN40)	Low μ ss	< 1.005	2	Transparent	SiO-022-2	\$700
1.00	SiO2	DUV Laser	2.75 (DN40)	Low μ ss	< 1.005	3	Bake-out	SiO-022-3	\$700
1.00	SiO2	DUV Laser	2.75 (DN40)	Low μ ss	< 1.005	4	No Safety	SiO-022-4	\$680
1.00	SiO2	DUV Laser	2.75 (DN40)	Low μ ss	< 1.005	5	No Thread	SiO-022-5	\$660
SiO-032 -Fused Silica - 193nm EUV Grade - 1.0 View - Nonmagnetic Stainless Steel Flange - 2.75 (DN40)									
1.00	SiO2	193nm EUV	2.75 (DN40)	Low μ ss	< 1.005	1	Both covers	SiO-032-1	\$1,000
1.00	SiO2	193nm EUV	2.75 (DN40)	Low μ ss	< 1.005	2	Transparent	SiO-032-2	\$980
1.00	SiO2	193nm EUV	2.75 (DN40)	Low μ ss	< 1.005	3	Bake-out	SiO-032-3	\$980
1.00	SiO2	193nm EUV	2.75 (DN40)	Low μ ss	< 1.005	4	No Safety	SiO-032-4	\$960
1.00	SiO2	193nm EUV	2.75 (DN40)	Low μ ss	< 1.005	5	No Thread	SiO-032-5	\$940



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5



Sealed Optics

Fused Silica – 4.50CF (DN63)

Nominal View Diameter Inches	Material	Grade	Conflat Flange Size	Conflat Flange Material	Magnetic Permeability μ	Figure Number	Protection	Part Number	Price USD
SiO-003 -Fused Silica - DUV Laser Grade - 2.0 View - 304 Stainless Steel Flange - 4.50 (DN63)									
2.00	SiO2	UV	4.50 (DN63)	304ss	< 1.1	1	Both covers	SiO-003-1	\$1,050
2.00	SiO2	UV	4.50 (DN63)	304ss	< 1.1	2	Transparent	SiO-003-2	\$1,025
2.00	SiO2	UV	4.50 (DN63)	304ss	< 1.1	3	Bake-out	SiO-003-3	\$1,025
2.00	SiO2	UV	4.50 (DN63)	304ss	< 1.1	4	No Safety	SiO-003-4	\$1,000
2.00	SiO2	UV	4.50 (DN63)	304ss	< 1.1	5	No Thread	SiO-003-5	\$975
SiO-013 -Fused Silica - 193nm EUV Grade - 2.0 View - 304 Stainless Steel Flange - 4.50 (DN63)									
2.00	SiO2	DUV Laser	4.50 (DN63)	304ss	< 1.1	1	Both covers	SiO-013-1	\$1,600
2.00	SiO2	DUV Laser	4.50 (DN63)	304ss	< 1.1	2	Transparent	SiO-013-2	\$1,575
2.00	SiO2	DUV Laser	4.50 (DN63)	304ss	< 1.1	3	Bake-out	SiO-013-3	\$1,575
2.00	SiO2	DUV Laser	4.50 (DN63)	304ss	< 1.1	4	No Safety	SiO-013-4	\$1,550
2.00	SiO2	DUV Laser	4.50 (DN63)	304ss	< 1.1	5	No Thread	SiO-013-5	\$1,525
SiO-023 -Fused Silica - DUV Laser Grade - 2.0 View - Nonmagnetic Stainless Steel Flange - 4.50 (DN63)									
2.00	SiO2	UV	4.50 (DN63)	Low μ ss	< 1.005	1	Both covers	SiO-023-1	\$1,600
2.00	SiO2	UV	4.50 (DN63)	Low μ ss	< 1.005	2	Transparent	SiO-023-2	\$1,575
2.00	SiO2	UV	4.50 (DN63)	Low μ ss	< 1.005	3	Bake-out	SiO-023-3	\$1,575
2.00	SiO2	UV	4.50 (DN63)	Low μ ss	< 1.005	4	No Safety	SiO-023-4	\$1,550
2.00	SiO2	UV	4.50 (DN63)	Low μ ss	< 1.005	5	No Thread	SiO-023-5	\$1,525
SiO-033 -Fused Silica - 193nm EUV Grade - 2.0 View - Nonmagnetic Stainless Steel Flange - 4.50 (DN63)									
2.00	SiO2	DUV Laser	4.50 (DN63)	Low μ ss	< 1.005	1	Both covers	SiO-033-1	\$2,200
2.00	SiO2	DUV Laser	4.50 (DN63)	Low μ ss	< 1.005	2	Transparent	SiO-033-2	\$2,175
2.00	SiO2	DUV Laser	4.50 (DN63)	Low μ ss	< 1.005	3	Bake-out	SiO-033-3	\$2,175
2.00	SiO2	DUV Laser	4.50 (DN63)	Low μ ss	< 1.005	4	No Safety	SiO-033-4	\$2,150
2.00	SiO2	DUV Laser	4.50 (DN63)	Low μ ss	< 1.005	5	No Thread	SiO-033-5	\$2,125



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5