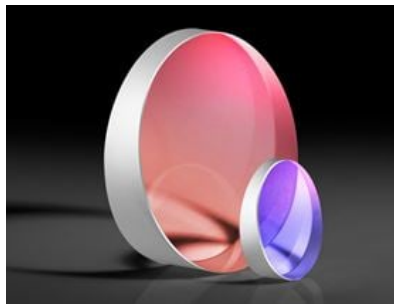


[All Products](#) / [Optics](#) / [Prisms](#) / [Specialty Prisms](#)

TECHSPEC® Fused Silica Wedge Prisms



- Deviates Laser Beam Path from 0.5° - 5.0°
- Ideal for UV to NIR Beam Steering Applications from 250 to 1064nm
- Ideal for High Power Beam Steering Applications

Common Specifications

General

Note:

Specify this is S1 & S2 power and irregularity, not the overall power of the wedge

Physical & Mechanical Properties

Bevel:

Protective as needed

Optical Properties

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

Surface Quality:

20-10

Image Orientation:

Beam Deviation

Power (fringes) @ 632.8nm:

0.50

Irregularity (fringes) @ 632.8nm:

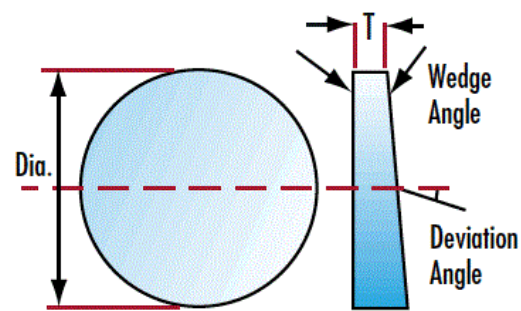
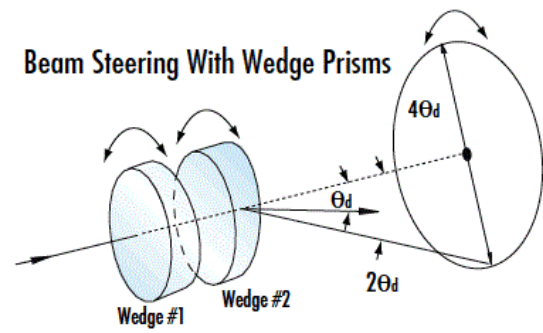
0.20

Material Properties

Coefficient of Thermal Expansion CTE ($10^{-6}/^{\circ}\text{C}$):

0.52

Technical Information



Products

Coating	Dia. (mm)	Thickness (mm)	Power (diopters)	Wedge Angle (°)	Wedge Angle (arcmin)	Stock Number	Price	Buy
Uncoated	12.50	1.50	0.87	1.05°	1° 3'	#35-842	S\$176.23 Volume Pricing	9 In Stock
UV-VIS (250-700nm)	12.50	1.50	0.87	1.05°	1° 3'	#35-849	S\$212.08 Volume Pricing	5 In Stock
#39-073 Clearance								
								
Clearance								
Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.								
Laser V-Coat (355nm)	12.50	1.50	0.87	1.05°	1° 3'		S\$141.81	8 In Stock

[#39-089 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (532nm)

12.50

1.50

0.87

1.05°

1° 3'

S\$141.81

5 In Stock

Laser V-Coat (1064nm)

12.50

1.50

0.87

1.05°

1° 3'

[#39-123](#)

S\$227.01
[Volume Pricing](#)

15 In Stock

Uncoated

12.50

1.50

1.74

2.1°

2° 5'55"

[#35-843](#)

S\$176.23
[Volume Pricing](#)

20+ In Stock

UV-VIS (250-700nm)

12.50

1.50

1.74

2.1°

2° 5'55"

[#35-850](#)

S\$212.08
[Volume Pricing](#)

5 In Stock

[#39-058 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (266nm)

12.50

1.50

1.74

2.1°

2° 5'55"

S\$149.28

14 In Stock

[#39-074 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (355nm)	12.50	1.50	1.74	2.1°	2° 5'55"		S\$141.81	5 In Stock
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Laser V-Coat (1064nm)	12.50	1.50	1.74	2.1°	2° 5'55"	#39-124	S\$227.01 Volume Pricing	1 In Stock
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Uncoated	12.50	1.50	2.62	3.7°	3° 8'42"	#35-844	S\$176.23 Volume Pricing	20+ In Stock
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UV-VIS (250-700nm)	12.50	1.50	2.62	3.7°	3° 8'42"	#35-851	S\$212.08 Volume Pricing	5 In Stock
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[#39-075 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (355nm)	12.50	1.50	2.62	3.7°	3° 8'42"		S\$141.81	5 In Stock
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Laser V-Coat (1064nm)	12.50	1.50	2.62	3.7°	3° 8'42"	#39-125	S\$227.01 Volume Pricing	20+ In Stock
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[#35-845 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Uncoated 12.50 1.50 3.49 4.19° 4° 11'13"

S\$110.45

20+ In Stock

[#35-852 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

UV-VIS
(250-700nm) 12.50 1.50 3.49 4.19° 4° 11'13"

S\$132.85

15 In Stock

[#39-126 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat
(1064nm)

12.50

1.50

3.49

4.19°

4° 11'13"

S\$141.81

11 In Stock

[#35-846 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Uncoated

12.50

1.50

4.37

5.22°

5° 13'28"

S\$110.45

20+ In Stock

[#35-853 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

UV-VIS
(250-
700nm)

12.50

1.50

4.37

5.22°

5° 13'28"

S\$132.85

17 In Stock

[#39-077 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-
Coat
(355nm)

12.50

1.50

4.37

5.22°

5° 13'28"

S\$141.81

5 In Stock

[#35-847 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Uncoated	12.50	1.50	6.99	8.29°	8° 17' 38"		S\$110.45	20+ In Stock
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[#39-128 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (1064nm)	12.50	1.50	6.99	8.29°	8° 17' 38"		S\$141.81	2 In Stock
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Uncoated	12.50	1.50	8.75	10.29°	10° 17'38"	#35-848	S\$176.23 Volume Pricing	20+ In Stock
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UV-VIS (250-700nm)	12.50	1.50	8.75	10.29°	10° 17'38"	#35-855	S\$212.08 Volume Pricing	20+ In Stock
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[#39-079 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (355nm)	12.50	1.50	8.75	10.29°	10° 17'38"		S\$141.81	5 In Stock
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Laser V-Coat (1064nm)	12.50	1.50	8.75	10.29°	10° 17'38"	#39-129	S\$227.01 Volume Pricing	1 In Stock
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Uncoated	25.00	3.00	0.87	1.05°	1° 3'	#84-859	S\$192.66 Volume Pricing	20+ In Stock
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UV-VIS (250-700nm)	25.00	3.00	0.87	1.05°	1° 3'	#89-636	S\$227.01 Volume Pricing	12 In Stock
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[#39-080 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (355nm)	25.00	3.00	0.87	1.05°	1° 3'		S\$152.26	5 In Stock
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[#39-116 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat
(532nm)

25.00

3.00

0.87

1.05°

1° 3'

S\$152.26

3 In Stock

Laser V-Coat
(1064nm)

25.00

3.00

0.87

1.05°

1° 3'

[#39-130](#)

S\$243.44
[Volume Pricing](#)

8 In Stock

Uncoated

25.00

3.00

1.74

2.1°

2° 5'56"

[#84-860](#)

S\$192.66
[Volume Pricing](#)

11 In Stock

UV-VIS
(250-700nm)

25.00

3.00

1.74

2.1°

2° 5'56"

[#89-637](#)

S\$227.01
[Volume Pricing](#)

5 In Stock

[#39-081 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat
(355nm)

25.00

3.00

1.74

2.1°

2° 5'56"

S\$152.26

6 In Stock

[#39-117 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (532nm)	25.00	3.00	1.74	2.1°	2° 5'56"		S\$152.26	5 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	1.74	2.1°	2° 5'56"	#39-131	S\$243.44 Volume Pricing	2 In Stock
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Uncoated	25.00	3.00	2.62	3.7°	3° 8'42"	#84-861	S\$192.66 Volume Pricing	20+ In Stock
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UV-VIS (250-700nm)	25.00	3.00	2.62	3.7°	3° 8'42"	#89-638	S\$227.01 Volume Pricing	2 In Stock
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[#39-082 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (355nm)	25.00	3.00	2.62	3.7°	3° 8'42"		S\$152.26	4 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	2.62	3.7°	3° 8'42"	#39-132	S\$243.44 Volume Pricing	Contact Us
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Uncoated	25.00	3.00	3.49	4.19°	4° 11'14"	#84-862	S\$192.66 Volume Pricing	20+ In Stock
UV-VIS (250-700nm)	25.00	3.00	3.49	4.19°	4° 11'14"	#89-639	S\$227.01 Volume Pricing	6 In Stock
#39-083 Clearance								
 Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.								
Laser V-Coat (355nm)	25.00	3.00	3.49	4.19°	4° 11'14"		S\$152.26	7 In Stock
#39-119 Clearance								
 Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.								
Laser V-Coat (532nm)	25.00	3.00	3.49	4.19°	4° 11'14"		S\$152.26	10 In Stock
Laser V-Coat (1064nm)	25.00	3.00	3.49	4.19°	4° 11'14"	#39-133	S\$243.44 Volume Pricing	3 In Stock
Uncoated	25.00	3.00	4.37	5.22°	5° 13'29"	#84-863	S\$192.66 Volume Pricing	20+ In Stock

UV-VIS (250-700nm)	25.00	3.00	4.37	5.22°	5° 13'29"	#89-640	S\$227.01 Volume Pricing	9 In Stock
#39-120 Clearance								
						 Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.		
Laser V-Coat (532nm)	25.00	3.00	4.37	5.22°	5° 13'29"		S\$152.26	3 In Stock
Laser V-Coat (1064nm)	25.00	3.00	4.37	5.22°	5° 13'29"	#39-134	S\$243.44 Volume Pricing	20+ In Stock
Uncoated	25.00	3.00	6.99	8.29°	8° 17'39"	#84-864	S\$192.66 Volume Pricing	20+ In Stock
UV-VIS (250-700nm)	25.00	3.00	6.99	8.29°	8° 17'39"	#89-641	S\$227.01 Volume Pricing	Contact Us
#39-071 Clearance								
						 Clearance Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.		
Laser V-Coat (266nm)	25.00	3.00	6.99	8.29°	8° 17'39"		S\$164.21	5 In Stock

[#39-086 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (355nm)	25.00	3.00	6.99	8.29°	8° 17'39"		S\$152.26	1 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	6.99	8.29°	8° 17'39"	#39-135	S\$243.44 Volume Pricing	2 In Stock
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Uncoated	25.00	3.00	8.75	10.29°	10° 17'38"	#84-865	S\$192.66 Volume Pricing	20+ In Stock
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UV-VIS (250-700nm)	25.00	3.00	8.75	10.29°	10° 17'38"	#89-642	S\$227.01 Volume Pricing	8 In Stock
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[#39-072 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

Laser V-Coat (266nm)	25.00	3.00	8.75	10.29°	10° 17'38"		S\$164.21	8 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	8.75	10.29°	10° 17'38"	#39-136	S\$243.44 Volume Pricing	5 In Stock
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