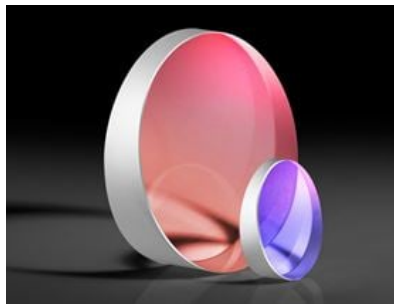


[All Products](#) / [Optics](#) / [Prisms](#) / [Specialty Prisms](#)

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

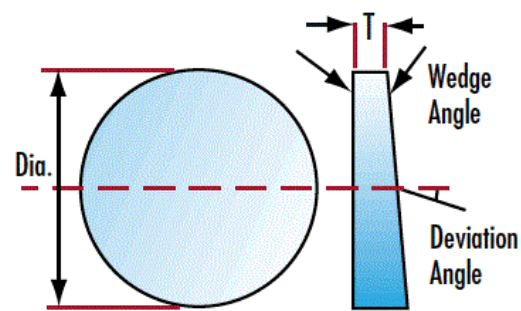
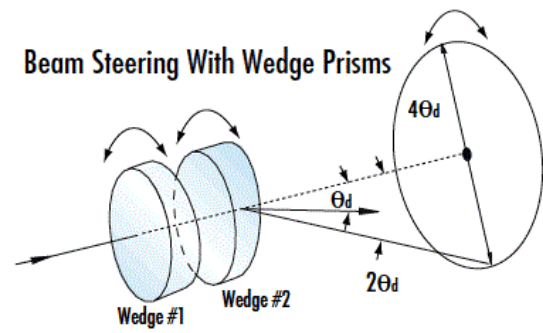
Optical Properties

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	A\$194.46 Volume Pricing	9 In Stock
UV-VIS (250-700nm)	12.50	1.50	0.87	1.05°	1° 3'	#35-849	A\$234.02 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'		A\$156.48	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'

A\$156.48

5 In Stock

Laser V-Coat (1064nm)

12.50

1.50

0.87

1.05°

1° 3'

[#39-123](#)

A\$250.50
[Volume Pricing](#)

15 In Stock

Uncoated

12.50

1.50

1.74

2.1°

2° 5'55"

[#35-843](#)

A\$194.46
[Volume Pricing](#)

20+ In Stock

UV-VIS (250-700nm)

12.50

1.50

1.74

2.1°

2° 5'55"

[#35-850](#)

A\$234.02
[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"

A\$164.72

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"		A\$156.48	5 In Stock
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Laser V-Coat (1064nm)	12.50	1.50	1.74	2.1°	2° 5'55"	#39-124	A\$250.50 Volume Pricing	1 In Stock
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Uncoated	12.50	1.50	2.62	3.7°	3° 8'42"	#35-844	A\$194.46 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	A\$234.02 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"		A\$156.48	5 In Stock
----------------------	-------	------	------	------	----------	--	-----------	------------

Laser V-Coat (1064nm)	12.50	1.50	2.62	3.7°	3° 8'42"	#39-125	A\$250.50 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"	A\$121.87	20+ In Stock
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[#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"	A\$146.59	15 In Stock
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[#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"

A\$156.48

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"

A\$121.87

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"

A\$146.59

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"

A\$156.48

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"		A\$121.87	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"		A\$156.48	2 In Stock
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Uncoated	12.50	1.50	8.75	10.29°	10° 17'38"	#35-848	A\$194.46 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	A\$234.02 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"		A\$156.48	5 In Stock
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Laser V-Coat (1064nm)	12.50	1.50	8.75	10.29°	10° 17'38"	#39-129	A\$250.50 Volume Pricing	1 In Stock
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Uncoated	25.00	3.00	0.87	1.05°	1° 3'	#84-859	A\$212.59 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	A\$250.50 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'		A\$168.01	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'

A\$168.01

3 In Stock

Laser V-Coat
(1064nm)

25.00

3.00

0.87

1.05°

1° 3'

[#39-130](#)

A\$268.62
[Volume Pricing](#)

8 In Stock

Uncoated

25.00

3.00

1.74

2.1°

2° 5'56"

[#84-860](#)

A\$212.59
[Volume Pricing](#)

11 In Stock

UV-VIS
(250-700nm)

25.00

3.00

1.74

2.1°

2° 5'56"

[#89-637](#)

A\$250.50
[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"

A\$168.01

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"		A\$168.01	5 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	1.74	2.1°	2° 5'56"	#39-131	A\$268.62 Volume Pricing	2 In Stock
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Uncoated	25.00	3.00	2.62	3.7°	3° 8'42"	#84-861	A\$212.59 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	A\$250.50 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"		A\$168.01	4 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	2.62	3.7°	3° 8'42"	#39-132	A\$268.62 Volume Pricing	Contact Us
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Uncoated	25.00	3.00	3.49	4.19°	4° 11'14"	#84-862	A\$212.59 Volume Pricing	20+ In Stock
UV-VIS (250-700nm)	25.00	3.00	3.49	4.19°	4° 11'14"	#89-639	A\$250.50 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"		A\$168.01	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"		A\$168.01	10 In Stock
Laser V-Coat (1064nm)	25.00	3.00	3.49	4.19°	4° 11'14"	#39-133	A\$268.62 Volume Pricing	3 In Stock
Uncoated	25.00	3.00	4.37	5.22°	5° 13'29"	#84-863	A\$212.59 Volume Pricing	20+ In Stock

UV-VIS (250-700nm)	25.00	3.00	4.37	5.22°	5° 13'29"	#89-640	A\$250.50 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"		A\$168.01	3 In Stock
Laser V-Coat (1064nm)	25.00	3.00	4.37	5.22°	5° 13'29"	#39-134	A\$268.62 Volume Pricing	20+ In Stock
Uncoated	25.00	3.00	6.99	8.29°	8° 17'39"	#84-864	A\$212.59 Volume Pricing	20+ In Stock
UV-VIS (250-700nm)	25.00	3.00	6.99	8.29°	8° 17'39"	#89-641	A\$250.50 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"		A\$181.20	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"		A\$168.01	1 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	6.99	8.29°	8° 17'39"	#39-135	A\$268.62 Volume Pricing	2 In Stock
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Uncoated	25.00	3.00	8.75	10.29°	10° 17'38"	#84-865	A\$212.59 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	A\$250.50 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"		A\$181.20	8 In Stock
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[#39-122 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

8.75

10.29°

10°
17'38"

A\$168.01

Contact Us

Laser V-Coat
(1064nm)

25.00

3.00

8.75

10.29°

10°
17'38"

[#39-136](#)

A\$268.62
[Volume Pricing](#)

5 In Stock



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