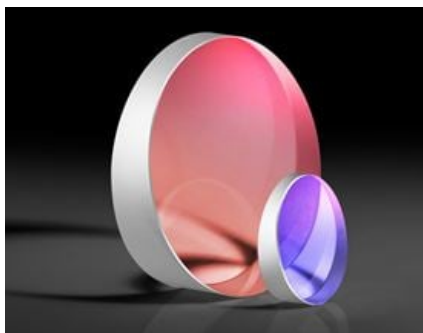


[All Products](#) / [Optics](#) / [Prisms](#) / [Specialty Prisms](#)

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 bevel as needed

Optical Properties

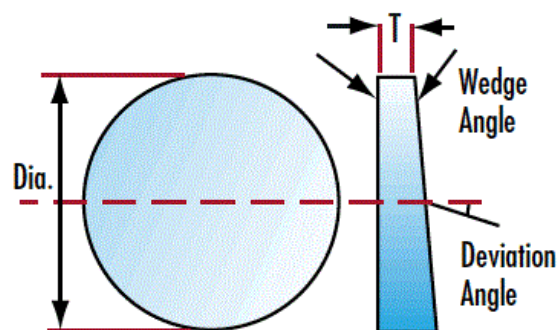
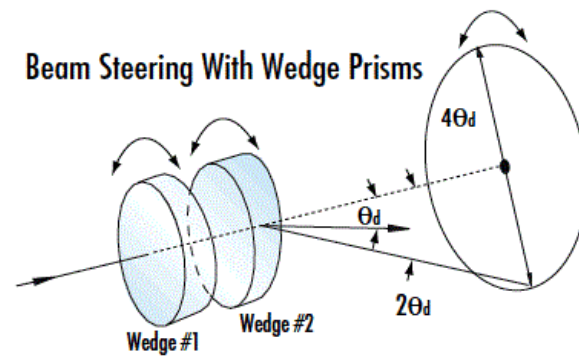
Image Orientation:	Beam Deviation	Substrate:	Fused Silica (Corning 7980)
Surface Quality:	20-10	Power (fringes) @ 632.8nm:	0.50
Irregularity (fringes) @ 632.8nm:	0.20		

Material Properties

Coefficient of Thermal Expansion CTE (10⁻⁶/°C):

0.52

Technical Information



Products

Coating	Dia. (mm)	Power (diopters)	Ray Deviation @ 355nm (°)	Wedge Angle	Stock Number	Price	Buy
Uncoated	12.50	0.87	0.50	1° 3'0"	#35-842	€118,00 Qty 6+ €94,50	3-4 days
UV-VIS (250- 700nm)	12.50	0.87	0.50	1° 3'0"	#35-849	€142,00 Qty 6+ €113,00	3-4 days
#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	0.87	0.50	1° 3'0"		€95,00	3-4 days

[#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	0.87	0.50	1° 3'0"		€95,00	3-4 days
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Laser V-Coat (1064nm)	12.50	0.87	0.50	1° 3'0"	#39-123	€152,00 Qty 6+ €122,00	In Stock
Uncoated	12.50	1.74	1.00	2° 5'56"	#35-843	€118,00 Qty 6+ €94,50	3-4 days
UV-VIS (250-700nm)	12.50	1.74	1.00	2° 5'56"	#35-850	€142,00 Qty 6+ €113,00	3-4 days

[#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

1.74

1.00

2° 5'56"

€100,00

3-4 days

[#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

1.74

1.00

2° 5'56"

€95,00

3-4 days

Laser V-Coat
(1064nm)

12.50

1.74

1.00

2° 5'56"

[#39-124](#)

€152,00
Qty 6+ €122,00

3-4 days

Uncoated

12.50

2.62

1.50

3° 8'42"

[#35-844](#)

€118,00
Qty 6+ €94,50

3-4 days

UV-VIS (250-700nm)	12.50	2.62	1.50	3° 8'42"	#35-851	€142,00 Qty 6+ €113,00	3-4 days
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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	2.62	1.50	3° 8'42"		€95,00	3-4 days
-------------------------	-------	------	------	----------	--	--------	----------

Laser V-Coat (1064nm)	12.50	2.62	1.50	3° 8'42"	#39-125	€152,00 Qty 6+ €122,00	3-4 days
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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	3.49	2.00	4° 11'14"		€77,50	3-4 days
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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

3.49

2.00

4°
11'14"

€93,50

3-4 days

[#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

3.49

2.00

4°
11'14"

€99,50

3-4 days

[#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	4.37	2.50	5° 13'29"	€77,50	3-4 days
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[#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	4.37	2.50	5° 13'29"	€93,50	3-4 days
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[#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

4.37

2.50

5°
13'29"

€95,00

3-4 days

[#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

6.99

4.00

8°
17'39"

€77,50

3-4 days

[#35-854 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

6.99

4.00

8°
17'39"

€93,50

3-4 days

[#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

6.99

4.00

8°
17'39"

€99,50

3-4 days

Uncoated

12.50

8.75

5.00

10°
17'38"

[#35-848](#)

€118,00
Qty 6+ €94,50

3-4 days

UV-VIS
(250-
700nm)

12.50

8.75

5.00

10°
17'38"

[#35-855](#)

€142,00
Qty 6+ €113,00

3-4 days

[#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

8.75

5.00

10°
17'38"

€95,00

3-4 days

Laser V-Coat
(1064nm)

12.50

8.75

5.00

10°
17'38"

[#39-129](#)

€152,00
Qty 6+ €122,00

3-4 days

Uncoated

25.00

0.87

0.50

1° 3'0"

[#84-859](#)

€129,00
Qty 6+ €103,00

3-4 days

UV-VIS
(250-
700nm)

25.00

0.87

0.50

1° 3'0"

[#89-636](#)

€152,00
Qty 6+ €122,00

3-4 days

[#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

0.87

0.50

1° 3'0"

€102,00

3-4 days

[#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

0.87

0.50

1° 3'0"

€102,00

3-4 days

Laser V-Coat (1064nm)

25.00

0.87

0.50

1° 3'0"

[#39-130](#)

€163,00
Qty 6+ €130,00

3-4 days

Uncoated

25.00

1.74

1.00

2° 5'56"

[#84-860](#)

€129,00
Qty 6+ €103,00

3-4 days

Uncoated	25.00	2.62	1.50	3° 8'42"	#84-861	€129,00 Qty 6+ €103,00	3-4 days
UV-VIS (250-700nm)	25.00	2.62	1.50	3° 8'42"	#89-638	€152,00 Qty 6+ €122,00	3-4 days
#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	2.62	1.50	3° 8'42"		€102,00	3-4 days
Laser V-Coat (1064nm)	25.00	2.62	1.50	3° 8'42"	#39-132	€163,00 Qty 6+ €130,00	3-4 days
Uncoated	25.00	3.49	2.00	4° 11'14"	#84-862	€129,00 Qty 6+ €103,00	Contact Us
UV-VIS (250-700nm)	25.00	3.49	2.00	4° 11'14"	#89-639	€152,00 Qty 6+ €122,00	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

3.49

2.00

4°
11'14"

€102,00

3-4 days

[#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

3.49

2.00

4°
11'14"

€102,00

3-4 days

Laser V-Coat
(1064nm)

25.00

3.49

2.00

4°
11'14"

[#39-133](#)

€163,00
Qty 6+ €130,00

3-4 days

Uncoated

25.00

4.37

2.50

5°
13'29"

[#84-863](#)

€129,00
Qty 6+ €103,00

3-4 days

UV-VIS (250-700nm)	25.00	4.37	2.50	5° 13'29"	#89-640	€152,00 Qty 6+ €122,00	3-4 days
#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	4.37	2.50	5° 13'29"		€102,00	In Stock
Laser V-Coat (1064nm)	25.00	4.37	2.50	5° 13'29"	#39-134	€163,00 Qty 6+ €130,00	3-4 days
Uncoated	25.00	6.99	4.00	8° 17'39"	#84-864	€129,00 Qty 6+ €103,00	In Stock
UV-VIS (250-700nm)	25.00	6.99	4.00	8° 17'39"	#89-641	€152,00 Qty 6+ €122,00	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

6.99

4.00

8°
17'39"

€110,00

3-4 days

[#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

6.99

4.00

8°
17'39"

€102,00

3-4 days

Laser V-Coat (1064nm)

25.00

6.99

4.00

8°
17'39"

[#39-135](#)

€163,00
Qty 6+ €130,00

3-4 days

Uncoated

25.00

8.75

5.00

10°
17'38"

[#84-865](#)

€129,00
Qty 6+ €103,00

In Stock



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