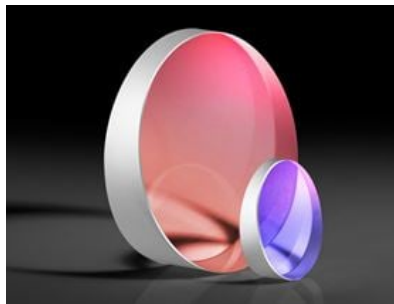


[All Products](#) / [Optics](#) / [Prisms](#) / [Specialty Prisms](#)

## 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 &amp; 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:**

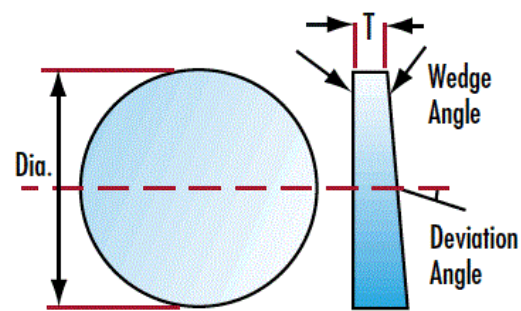
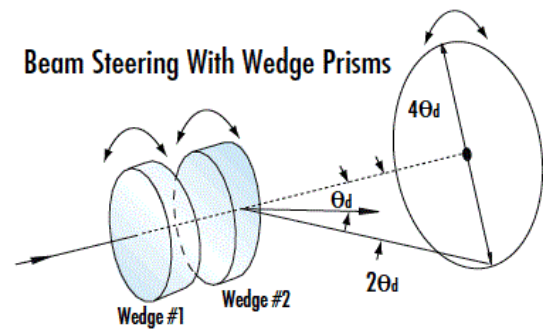
0.20

#### 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'	<a href="#">#35-842</a>	£103.20 <a href="#">Volume Pricing</a>	10 In Stock
UV-VIS (250- 700nm)	12.50	1.50	0.87	1.05°	1° 3'	<a href="#">#35-849</a>	£124.00 <a href="#">Volume Pricing</a>	5 In Stock
<a href="#">#39-073 Clearance</a>								
								
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'		£83.20	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'		£83.20	5 In Stock
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Laser V-Coat (1064nm)	12.50	1.50	0.87	1.05°	1° 3'	<a href="#">#39-123</a>	£132.80 <a href="#">Volume Pricing</a>	15 In Stock
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Uncoated	12.50	1.50	1.74	2.1°	2° 5'55"	<a href="#">#35-843</a>	£103.20 <a href="#">Volume Pricing</a>	20+ In Stock
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UV-VIS (250-700nm)	12.50	1.50	1.74	2.1°	2° 5'55"	<a href="#">#35-850</a>	£124.00 <a href="#">Volume Pricing</a>	5 In Stock
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[#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"		£87.20	14 In Stock
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[#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"		£83.20	5 In Stock
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Laser V-Coat (1064nm)	12.50	1.50	1.74	2.1°	2° 5'55"	<a href="#">#39-124</a>	£132.80 <a href="#">Volume Pricing</a>	1 In Stock
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Uncoated	12.50	1.50	2.62	3.7°	3° 8'42"	<a href="#">#35-844</a>	£103.20 <a href="#">Volume Pricing</a>	20+ In Stock
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UV-VIS (250-700nm)	12.50	1.50	2.62	3.7°	3° 8'42"	<a href="#">#35-851</a>	£124.00 <a href="#">Volume Pricing</a>	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"		£83.20	5 In Stock
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Laser V-Coat (1064nm)	12.50	1.50	2.62	3.7°	3° 8'42"	<a href="#">#39-125</a>	£132.80 <a href="#">Volume Pricing</a>	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"	£67.60	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"	£81.60	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"

£87.20

11 In Stock

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[#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"

£67.60

20+ In Stock

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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

1.50

4.37

5.22°

5° 13'28"

£81.60

17 In Stock

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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

1.50

4.37

5.22°

5° 13'28"

£83.20

5 In Stock

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[#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"		£67.60	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"		£87.20	2 In Stock
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Uncoated	12.50	1.50	8.75	10.29°	10° 17'38"	<a href="#">#35-848</a>	£103.20 <a href="#">Volume Pricing</a>	20+ In Stock
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UV-VIS (250-700nm)	12.50	1.50	8.75	10.29°	10° 17'38"	<a href="#">#35-855</a>	£124.00 <a href="#">Volume Pricing</a>	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"		£83.20	5 In Stock
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Laser V-Coat (1064nm)	12.50	1.50	8.75	10.29°	10° 17'38"	<a href="#">#39-129</a>	£132.80 <a href="#">Volume Pricing</a>	3 In Stock
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Uncoated	25.00	3.00	0.87	1.05°	1° 3'	<a href="#">#84-859</a>	£112.80 <a href="#">Volume Pricing</a>	20+ In Stock
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UV-VIS (250-700nm)	25.00	3.00	0.87	1.05°	1° 3'	<a href="#">#89-636</a>	£132.80 <a href="#">Volume Pricing</a>	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'		£88.80	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'		£88.80	3 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	0.87	1.05°	1° 3'	<a href="#">#39-130</a>	£142.40 <a href="#">Volume Pricing</a>	8 In Stock
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Uncoated	25.00	3.00	1.74	2.1°	2° 5'56"	<a href="#">#84-860</a>	£112.80 <a href="#">Volume Pricing</a>	5 In Stock
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UV-VIS (250-700nm)	25.00	3.00	1.74	2.1°	2° 5'56"	<a href="#">#89-637</a>	£132.80 <a href="#">Volume Pricing</a>	5 In Stock
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[#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"		£88.80	6 In Stock
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[#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"		£88.80	5 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	1.74	2.1°	2° 5'56"	<a href="#">#39-131</a>	£142.40 <a href="#">Volume Pricing</a>	2 In Stock
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Uncoated	25.00	3.00	2.62	3.7°	3° 8'42"	<a href="#">#84-861</a>	£112.80 <a href="#">Volume Pricing</a>	20+ In Stock
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UV-VIS (250-700nm)	25.00	3.00	2.62	3.7°	3° 8'42"	<a href="#">#89-638</a>	£132.80 <a href="#">Volume Pricing</a>	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"		£88.80	4 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	2.62	3.7°	3° 8'42"	<a href="#">#39-132</a>	£142.40 <a href="#">Volume Pricing</a>	Contact Us
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Uncoated	25.00	3.00	3.49	4.19°	4° 11'14"	<a href="#">#84-862</a>	£112.80 <a href="#">Volume Pricing</a>	20+ In Stock
UV-VIS (250-700nm)	25.00	3.00	3.49	4.19°	4° 11'14"	<a href="#">#89-639</a>	£132.80 <a href="#">Volume Pricing</a>	6 In Stock
<a href="#">#39-083 Clearance</a>								
 <p>Clearance</p> <p>Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.</p>								
Laser V-Coat (355nm)	25.00	3.00	3.49	4.19°	4° 11'14"		£88.80	7 In Stock
<a href="#">#39-119 Clearance</a>								
 <p>Clearance</p> <p>Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.</p>								
Laser V-Coat (532nm)	25.00	3.00	3.49	4.19°	4° 11'14"		£88.80	10 In Stock
Laser V-Coat (1064nm)	25.00	3.00	3.49	4.19°	4° 11'14"	<a href="#">#39-133</a>	£142.40 <a href="#">Volume Pricing</a>	3 In Stock
Uncoated	25.00	3.00	4.37	5.22°	5° 13'29"	<a href="#">#84-863</a>	£112.80 <a href="#">Volume Pricing</a>	20+ In Stock

UV-VIS (250-700nm)	25.00	3.00	4.37	5.22°	5° 13'29"	<a href="#">#89-640</a>	£132.80 <a href="#">Volume Pricing</a>	9 In Stock
<a href="#">#39-120 Clearance</a>								
						 <p>Clearance</p> <p>Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.</p>		
Laser V-Coat (532nm)	25.00	3.00	4.37	5.22°	5° 13'29"		£88.80	3 In Stock
Laser V-Coat (1064nm)	25.00	3.00	4.37	5.22°	5° 13'29"	<a href="#">#39-134</a>	£142.40 <a href="#">Volume Pricing</a>	20+ In Stock
Uncoated	25.00	3.00	6.99	8.29°	8° 17'39"	<a href="#">#84-864</a>	£112.80 <a href="#">Volume Pricing</a>	20+ In Stock
UV-VIS (250-700nm)	25.00	3.00	6.99	8.29°	8° 17'39"	<a href="#">#89-641</a>	£132.80 <a href="#">Volume Pricing</a>	Contact Us
<a href="#">#39-071 Clearance</a>								
						 <p>Clearance</p> <p>Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.</p>		
Laser V-Coat (266nm)	25.00	3.00	6.99	8.29°	8° 17'39"		£96.00	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"		£88.80	1 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	6.99	8.29°	8° 17'39"	<a href="#">#39-135</a>	£142.40 <a href="#">Volume Pricing</a>	5 In Stock
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Uncoated	25.00	3.00	8.75	10.29°	10° 17'38"	<a href="#">#84-865</a>	£112.80 <a href="#">Volume Pricing</a>	20+ In Stock
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UV-VIS (250-700nm)	25.00	3.00	8.75	10.29°	10° 17'38"	<a href="#">#89-642</a>	£132.80 <a href="#">Volume Pricing</a>	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"		£96.00	8 In Stock
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Laser V-Coat (1064nm)	25.00	3.00	8.75	10.29°	10° 17'38"	<a href="#">#39-136</a>	£142.40 <a href="#">Volume Pricing</a>	5 In Stock
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