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**TECHSPEC®**

## 405nm Laser Line Coated Fused Silica PCX Lenses



- <0.25% Reflection at 405nm for 405nm Diodes
- 5 - 50mm Diameters Available
- 10 - 250mm EFL Designs Available
- [532nm](#), [633nm](#), [1064nm](#), and [1550nm](#) V-Coated Options Offered

### Common Specifications

#### Physical & Mechanical Properties

|        |                      |
|--------|----------------------|
| Bevel: | Protective as needed |
|--------|----------------------|

#### Optical Properties

|                  |       |
|------------------|-------|
| Surface Quality: | 40-20 |
|------------------|-------|

|                        |      |
|------------------------|------|
| Power (P-V) @ 632.8nm: | 1.5λ |
|------------------------|------|

|                               |     |
|-------------------------------|-----|
| Irregularity (P-V) @ 632.8nm: | λ/4 |
|-------------------------------|-----|

|                             |    |
|-----------------------------|----|
| Focal Length Tolerance (%): | ±1 |
|-----------------------------|----|

|                             |     |
|-----------------------------|-----|
| Design Wavelength DWL (nm): | 405 |
|-----------------------------|-----|

## Technical Information

## Products

| Dia.<br>(mm) | EFL<br>(mm) | BFL<br>(mm) | Coating                 | Substrate                      | Stock<br>Number         | Price                                     | Buy          |
|--------------|-------------|-------------|-------------------------|--------------------------------|-------------------------|-------------------------------------------|--------------|
| 5.00         | 10.00       | 8.63        | Laser V-Coat<br>(405nm) | <a href="#">Fused Silica</a>   | <a href="#">#34-060</a> | €142,14<br><a href="#">Volume Pricing</a> | 20+ In Stock |
| 5.00         | 15.00       | 13.83       | Laser V-Coat<br>(405nm) | <a href="#">Fused Silica</a>   | <a href="#">#34-061</a> | €133,90<br><a href="#">Volume Pricing</a> | 4 In Stock   |
| 5.00         | 20.00       | 18.97       | Laser V-Coat<br>(405nm) | <a href="#">Fused Silica</a>   | <a href="#">#34-062</a> | €133,90<br><a href="#">Volume Pricing</a> | 10 In Stock  |
| 5.00         | 25.00       | 23.97       | Laser V-Coat<br>(405nm) | <a href="#">Fused Silica</a>   | <a href="#">#34-063</a> | €133,90<br><a href="#">Volume Pricing</a> | 7 In Stock   |
| 6.00         | 12.00       | 10.63       | 405nm V-Coat            | Fused Silica<br>(Corning 7980) | <a href="#">#25-855</a> | €141,11<br><a href="#">Volume Pricing</a> | 9 In Stock   |
| 6.00         | 21.00       | 19.63       | 405nm V-Coat            | Fused Silica<br>(Corning 7980) | <a href="#">#25-856</a> | €135,96<br><a href="#">Volume Pricing</a> | 4 In Stock   |
| 6.00         | 24.00       | 22.63       | 405nm V-Coat            | Fused Silica<br>(Corning 7980) | <a href="#">#25-857</a> | €135,96<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 6.00         | 36.00       | 34.63       | 405nm V-Coat            | Fused Silica<br>(Corning 7980) | <a href="#">#25-858</a> | €135,96<br><a href="#">Volume Pricing</a> | 9 In Stock   |
| 9.00         | 12.00       | 9.26        | 405nm V-Coat            | Fused Silica<br>(Corning 7980) | <a href="#">#25-859</a> | €144,20<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 9.00         | 18.00       | 15.94       | 405nm V-Coat            | Fused Silica<br>(Corning 7980) | <a href="#">#25-860</a> | €144,20<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 9.00         | 27.00       | 25.63       | 405nm V-Coat            | Fused Silica<br>(Corning 7980) | <a href="#">#25-861</a> | €139,05<br><a href="#">Volume Pricing</a> | 5 In Stock   |
| 9.00         | 36.00       | 34.63       | 405nm V-Coat            | Fused Silica<br>(Corning 7980) | <a href="#">#25-862</a> | €139,05<br><a href="#">Volume Pricing</a> | 2 In Stock   |

|       |        |        |                      |                              |                         |                                           |             |
|-------|--------|--------|----------------------|------------------------------|-------------------------|-------------------------------------------|-------------|
| 12.00 | 18.00  | 15.26  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-064</a> | €150,38<br><a href="#">Volume Pricing</a> | 2 In Stock  |
| 12.00 | 25.00  | 22.31  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-065</a> | €150,38<br><a href="#">Volume Pricing</a> | 1 In Stock  |
| 12.00 | 30.00  | 27.56  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-066</a> | €145,23<br><a href="#">Volume Pricing</a> | 5 In Stock  |
| 12.00 | 36.00  | 34.29  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-067</a> | €145,23<br><a href="#">Volume Pricing</a> | 4 In Stock  |
| 12.00 | 50.00  | 48.01  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-068</a> | €136,99<br><a href="#">Volume Pricing</a> | 4 In Stock  |
| 12.00 | 100.00 | 98.33  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-069</a> | €136,99<br><a href="#">Volume Pricing</a> | Contact Us  |
| 25.00 | 38.00  | 33.03  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-070</a> | €169,95<br><a href="#">Volume Pricing</a> | 4 In Stock  |
| 25.00 | 50.00  | 46.00  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-071</a> | €169,95<br><a href="#">Volume Pricing</a> | 5 In Stock  |
| 25.00 | 60.00  | 56.92  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-072</a> | €164,80<br><a href="#">Volume Pricing</a> | 1 In Stock  |
| 25.00 | 75.00  | 71.96  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-073</a> | €164,80<br><a href="#">Volume Pricing</a> | 14 In Stock |
| 25.00 | 100.00 | 97.40  | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-074</a> | €164,80<br><a href="#">Volume Pricing</a> | 7 In Stock  |
| 25.00 | 125.00 | 122.65 | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-075</a> | €156,56<br><a href="#">Volume Pricing</a> | 4 In Stock  |
| 25.00 | 150.00 | 147.86 | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-076</a> | €156,56<br><a href="#">Volume Pricing</a> | 15 In Stock |
| 25.00 | 200.00 | 198.02 | Laser V-Coat (405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-077</a> | €156,56<br><a href="#">Volume Pricing</a> | 9 In Stock  |

|       |        |        |                         |                              |                         |                                           |             |
|-------|--------|--------|-------------------------|------------------------------|-------------------------|-------------------------------------------|-------------|
| 50.00 | 75.00  | 66.43  | Laser V-Coat<br>(405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-078</a> | €318,27<br><a href="#">Volume Pricing</a> | 8 In Stock  |
| 50.00 | 100.00 | 93.84  | Laser V-Coat<br>(405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-079</a> | €318,27<br><a href="#">Volume Pricing</a> | 1 In Stock  |
| 50.00 | 150.00 | 145.20 | Laser V-Coat<br>(405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-080</a> | €313,12<br><a href="#">Volume Pricing</a> | 14 In Stock |
| 50.00 | 200.00 | 195.19 | Laser V-Coat<br>(405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-081</a> | €313,12<br><a href="#">Volume Pricing</a> | 1 In Stock  |
| 50.00 | 250.00 | 245.21 | Laser V-Coat<br>(405nm) | <a href="#">Fused Silica</a> | <a href="#">#34-082</a> | €313,12<br><a href="#">Volume Pricing</a> | 3 In Stock  |



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