

TECHSPEC® VIS 400 - 700nm, 12.5mm Dia. Shortpass Filter Kit (7 Filters)



Stock #86-454 4 In Stock

-

1

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C\$1,540<sup>00</sup>

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Product Downloads

| General                                                                                   |                    |
|-------------------------------------------------------------------------------------------|--------------------|
| Filters Included :<br>Cut-Off Wavelength: 400nm, 450nm, 500nm, 550nm, 600nm, 650nm, 700nm |                    |
| Shortpass Filter                                                                          | Type:              |
| 7.00                                                                                      | Number of Filters: |
| Physical & Mechanical Properties                                                          |                    |
| 12.50                                                                                     | Diameter (mm):     |

| Optical Properties                   |  |  |  |
|--------------------------------------|--|--|--|
| Optical Density OD (Average):        |  |  |  |
| ≥4.0                                 |  |  |  |
| Substrate: <input type="checkbox"/>  |  |  |  |
| Fused Silica (Corning 7980)          |  |  |  |
| Coating:                             |  |  |  |
| Hard Coated                          |  |  |  |
| Transmission (%):                    |  |  |  |
| ≥91                                  |  |  |  |
| Coating Specification:               |  |  |  |
| Surface 1: Hard Dielectric Sputtered |  |  |  |
| Surface 2: AR Coated                 |  |  |  |
| Wavelength Range (nm):               |  |  |  |
| 300 - 1030                           |  |  |  |
| Regulatory Compliance                |  |  |  |
| Certificate of Conformance:          |  |  |  |
| <a href="#">View</a>                 |  |  |  |

## Product Details

- Precision Cut-On and Cut-Off Wavelengths
  - OD 4.0 Shortpass or OD 4.0 Longpass Configurations
  - Ideal for Lab Integration
  - Note: Potential change of packaging
- Ideal for prototyping, research and development, and lab use, TECHSPEC® OD 4.0 High Performance Shortpass and Longpass Filter Kits are offered in a variety of configurations. Each kit contains [OD 4.0 Shortpass filters](#) or [OD 4.0 Longpass filters](#) offered at discounted prices when compared to purchasing each filter individually. Basic filtering kits are available in increments of 50nm and complete kits offer filters in 25nm increments.
- Note:** Due to supply chain issues, our kits may be delivered with an alternative packaging solution in place of a wooden box. For any questions, please contact [kits@edmundoptics.com](mailto:kits@edmundoptics.com).

## Technical Information

| Cut-Off Wavelength | 12.5mm Diameter         | 25.0mm Diameter         | 50.0mm Diameter         |
|--------------------|-------------------------|-------------------------|-------------------------|
| 400nm              | <a href="#">#84-689</a> | <a href="#">#84-702</a> | <a href="#">#84-715</a> |
| 425nm              | <a href="#">#84-690</a> | <a href="#">#84-703</a> | <a href="#">#84-716</a> |
| 450nm              | <a href="#">#84-691</a> | <a href="#">#84-704</a> | <a href="#">#84-717</a> |
| 475nm              | <a href="#">#84-692</a> | <a href="#">#84-705</a> | <a href="#">#84-718</a> |
| 500nm              | <a href="#">#84-693</a> | <a href="#">#84-706</a> | <a href="#">#84-719</a> |
| 525nm              | <a href="#">#84-694</a> | <a href="#">#84-707</a> | <a href="#">#84-720</a> |
| 550nm              | <a href="#">#84-695</a> | <a href="#">#84-708</a> | <a href="#">#84-721</a> |
| 575nm              | <a href="#">#84-696</a> | <a href="#">#84-709</a> | <a href="#">#84-722</a> |
| 600nm              | <a href="#">#84-697</a> | <a href="#">#84-710</a> | <a href="#">#84-723</a> |
| 625nm              | <a href="#">#84-698</a> | <a href="#">#84-711</a> | <a href="#">#84-724</a> |
| 650nm              | <a href="#">#84-699</a> | <a href="#">#84-712</a> | <a href="#">#84-725</a> |
| 675nm              | <a href="#">#84-700</a> | <a href="#">#84-713</a> | <a href="#">#84-726</a> |
| 700nm              | <a href="#">#84-701</a> | <a href="#">#84-714</a> | <a href="#">#84-727</a> |

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| 450nm              | <a href="#">#84-691</a> | <a href="#">#84-704</a> | <a href="#">#84-717</a> |
| 500nm              | <a href="#">#84-693</a> | <a href="#">#84-706</a> | <a href="#">#84-719</a> |
| 550nm              | <a href="#">#84-695</a> | <a href="#">#84-708</a> | <a href="#">#84-721</a> |
| 600nm              | <a href="#">#84-697</a> | <a href="#">#84-710</a> | <a href="#">#84-723</a> |
| 650nm              | <a href="#">#84-699</a> | <a href="#">#84-712</a> | <a href="#">#84-725</a> |
| 700nm              | <a href="#">#84-701</a> | <a href="#">#84-714</a> | <a href="#">#84-727</a> |

| Cut-Off Wavelength | 12.5mm Diameter         | 25.0mm Diameter         | 50.0mm Diameter         |
|--------------------|-------------------------|-------------------------|-------------------------|
| 725nm              | <a href="#">#86-095</a> | <a href="#">#86-103</a> | <a href="#">#86-111</a> |
| 750nm              | <a href="#">#64-324</a> | <a href="#">#64-332</a> | <a href="#">#84-728</a> |
| 775nm              | <a href="#">#86-096</a> | <a href="#">#86-104</a> | <a href="#">#86-112</a> |
| 800nm              | <a href="#">#64-325</a> | <a href="#">#64-333</a> | <a href="#">#84-729</a> |
| 825nm              | <a href="#">#86-097</a> | <a href="#">#86-105</a> | <a href="#">#86-113</a> |
| 850nm              | <a href="#">#64-326</a> | <a href="#">#64-334</a> | <a href="#">#84-730</a> |

|        |                         |                         |                         |
|--------|-------------------------|-------------------------|-------------------------|
| 875nm  | <a href="#">#86-098</a> | <a href="#">#86-106</a> | <a href="#">#86-114</a> |
| 900nm  | <a href="#">#64-327</a> | <a href="#">#64-335</a> | <a href="#">#84-731</a> |
| 925nm  | <a href="#">#86-099</a> | <a href="#">#86-107</a> | <a href="#">#86-115</a> |
| 950nm  | <a href="#">#64-328</a> | <a href="#">#64-336</a> | <a href="#">#84-732</a> |
| 975nm  | <a href="#">#86-100</a> | <a href="#">#86-108</a> | <a href="#">#86-116</a> |
| 1000nm | <a href="#">#64-329</a> | <a href="#">#64-337</a> | <a href="#">#84-733</a> |
| 1025nm | <a href="#">#86-101</a> | <a href="#">#86-109</a> | <a href="#">#86-117</a> |
| 1050nm | <a href="#">#64-330</a> | <a href="#">#64-338</a> | <a href="#">#84-734</a> |
| 1075nm | <a href="#">#86-102</a> | <a href="#">#86-110</a> | <a href="#">#86-118</a> |
| 1100nm | <a href="#">#64-331</a> | <a href="#">#64-339</a> | <a href="#">#84-735</a> |

| Cut-Off Wavelength | 12.5mm Diameter         | 25.0mm Diameter         | 50.0mm Diameter         |
|--------------------|-------------------------|-------------------------|-------------------------|
| 750nm              | <a href="#">#64-324</a> | <a href="#">#64-332</a> | <a href="#">#84-728</a> |
| 800nm              | <a href="#">#64-325</a> | <a href="#">#64-333</a> | <a href="#">#84-729</a> |
| 850nm              | <a href="#">#64-326</a> | <a href="#">#64-334</a> | <a href="#">#84-730</a> |
| 900nm              | <a href="#">#64-327</a> | <a href="#">#64-335</a> | <a href="#">#84-731</a> |
| 950nm              | <a href="#">#64-328</a> | <a href="#">#64-336</a> | <a href="#">#84-732</a> |
| 1000nm             | <a href="#">#64-329</a> | <a href="#">#64-337</a> | <a href="#">#84-733</a> |
| 1050nm             | <a href="#">#64-330</a> | <a href="#">#64-338</a> | <a href="#">#84-734</a> |
| 1100nm             | <a href="#">#64-331</a> | <a href="#">#64-339</a> | <a href="#">#84-735</a> |

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| 450nm              | <a href="#">#84-691</a> | <a href="#">#84-704</a> | <a href="#">#84-717</a> |
| 475nm              | <a href="#">#84-692</a> | <a href="#">#84-705</a> | <a href="#">#84-718</a> |
| 500nm              | <a href="#">#84-693</a> | <a href="#">#84-706</a> | <a href="#">#84-719</a> |
| 525nm              | <a href="#">#84-694</a> | <a href="#">#84-707</a> | <a href="#">#84-720</a> |
| 550nm              | <a href="#">#84-695</a> | <a href="#">#84-708</a> | <a href="#">#84-721</a> |
| 575nm              | <a href="#">#84-696</a> | <a href="#">#84-709</a> | <a href="#">#84-722</a> |
| 600nm              | <a href="#">#84-697</a> | <a href="#">#84-710</a> | <a href="#">#84-723</a> |
| 625nm              | <a href="#">#84-698</a> | <a href="#">#84-711</a> | <a href="#">#84-724</a> |
| 650nm              | <a href="#">#84-699</a> | <a href="#">#84-712</a> | <a href="#">#84-725</a> |
| 675nm              | <a href="#">#84-700</a> | <a href="#">#84-713</a> | <a href="#">#84-726</a> |
| 700nm              | <a href="#">#84-701</a> | <a href="#">#84-714</a> | <a href="#">#84-727</a> |
| 725nm              | <a href="#">#86-095</a> | <a href="#">#86-103</a> | <a href="#">#86-111</a> |
| 750nm              | <a href="#">#64-324</a> | <a href="#">#64-332</a> | <a href="#">#84-728</a> |
| 775nm              | <a href="#">#86-096</a> | <a href="#">#86-104</a> | <a href="#">#86-112</a> |
| 800nm              | <a href="#">#64-325</a> | <a href="#">#64-333</a> | <a href="#">#84-729</a> |
| 825nm              | <a href="#">#86-097</a> | <a href="#">#86-105</a> | <a href="#">#86-113</a> |
| 850nm              | <a href="#">#64-326</a> | <a href="#">#64-334</a> | <a href="#">#84-730</a> |
| 875nm              | <a href="#">#86-098</a> | <a href="#">#86-106</a> | <a href="#">#86-114</a> |
| 900nm              | <a href="#">#64-327</a> | <a href="#">#64-335</a> | <a href="#">#84-731</a> |
| 925nm              | <a href="#">#86-099</a> | <a href="#">#86-107</a> | <a href="#">#86-115</a> |
| 950nm              | <a href="#">#64-328</a> | <a href="#">#64-336</a> | <a href="#">#84-732</a> |
| 975nm              | <a href="#">#86-100</a> | <a href="#">#86-108</a> | <a href="#">#86-116</a> |
| 1000nm             | <a href="#">#64-329</a> | <a href="#">#64-337</a> | <a href="#">#84-733</a> |
| 1025nm             | <a href="#">#86-101</a> | <a href="#">#86-109</a> | <a href="#">#86-117</a> |
| 1050nm             | <a href="#">#64-330</a> | <a href="#">#64-338</a> | <a href="#">#84-734</a> |
| 1075nm             | <a href="#">#86-102</a> | <a href="#">#86-110</a> | <a href="#">#86-118</a> |
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| 650nm              | <a href="#">#84-699</a> | <a href="#">#84-712</a> | <a href="#">#84-725</a> |
| 700nm              | <a href="#">#84-701</a> | <a href="#">#84-714</a> | <a href="#">#84-727</a> |
| 750nm              | <a href="#">#64-324</a> | <a href="#">#64-332</a> | <a href="#">#84-728</a> |

|        |                         |                         |                         |
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| 850nm  | <a href="#">#64-326</a> | <a href="#">#64-334</a> | <a href="#">#84-730</a> |
| 900nm  | <a href="#">#64-327</a> | <a href="#">#64-335</a> | <a href="#">#84-731</a> |
| 950nm  | <a href="#">#64-328</a> | <a href="#">#64-336</a> | <a href="#">#84-732</a> |
| 1000nm | <a href="#">#64-329</a> | <a href="#">#64-337</a> | <a href="#">#84-733</a> |
| 1050nm | <a href="#">#64-330</a> | <a href="#">#64-338</a> | <a href="#">#84-734</a> |
| 1100nm | <a href="#">#64-331</a> | <a href="#">#64-339</a> | <a href="#">#84-735</a> |

| Cut-On Wavelength | 12.5mm Diameter         | 25.0mm Diameter         | 50.0mm Diameter         |
|-------------------|-------------------------|-------------------------|-------------------------|
| 400nm             | <a href="#">#62-974</a> | <a href="#">#62-981</a> | <a href="#">#84-754</a> |
| 425nm             | <a href="#">#84-736</a> | <a href="#">#84-742</a> | <a href="#">#84-748</a> |
| 450nm             | <a href="#">#62-975</a> | <a href="#">#62-982</a> | <a href="#">#84-755</a> |
| 475nm             | <a href="#">#84-737</a> | <a href="#">#84-743</a> | <a href="#">#84-749</a> |
| 500nm             | <a href="#">#62-976</a> | <a href="#">#62-983</a> | <a href="#">#84-756</a> |
| 525nm             | <a href="#">#84-738</a> | <a href="#">#84-744</a> | <a href="#">#84-750</a> |
| 550nm             | <a href="#">#62-977</a> | <a href="#">#62-984</a> | <a href="#">#84-757</a> |
| 575nm             | <a href="#">#84-739</a> | <a href="#">#84-745</a> | <a href="#">#84-751</a> |
| 600nm             | <a href="#">#62-978</a> | <a href="#">#62-985</a> | <a href="#">#84-758</a> |
| 625nm             | <a href="#">#84-740</a> | <a href="#">#84-746</a> | <a href="#">#84-752</a> |
| 650nm             | <a href="#">#62-979</a> | <a href="#">#62-986</a> | <a href="#">#84-759</a> |
| 675nm             | <a href="#">#84-741</a> | <a href="#">#84-747</a> | <a href="#">#84-753</a> |
| 700nm             | <a href="#">#62-980</a> | <a href="#">#62-987</a> | <a href="#">#84-760</a> |

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|-------------------|-------------------------|-------------------------|-------------------------|
| 400nm             | <a href="#">#62-974</a> | <a href="#">#62-981</a> | <a href="#">#84-754</a> |
| 450nm             | <a href="#">#62-975</a> | <a href="#">#62-982</a> | <a href="#">#84-755</a> |
| 500nm             | <a href="#">#62-976</a> | <a href="#">#62-983</a> | <a href="#">#84-756</a> |
| 550nm             | <a href="#">#62-977</a> | <a href="#">#62-984</a> | <a href="#">#84-757</a> |
| 600nm             | <a href="#">#62-978</a> | <a href="#">#62-985</a> | <a href="#">#84-758</a> |
| 650nm             | <a href="#">#62-979</a> | <a href="#">#62-986</a> | <a href="#">#84-759</a> |
| 700nm             | <a href="#">#62-980</a> | <a href="#">#62-987</a> | <a href="#">#84-760</a> |

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|-------------------|-------------------------|-------------------------|-------------------------|
| 725nm             | <a href="#">#86-060</a> | <a href="#">#86-068</a> | <a href="#">#86-076</a> |
| 750nm             | <a href="#">#66-226</a> | <a href="#">#66-234</a> | <a href="#">#84-761</a> |
| 775nm             | <a href="#">#86-061</a> | <a href="#">#86-069</a> | <a href="#">#86-077</a> |
| 800nm             | <a href="#">#66-227</a> | <a href="#">#66-235</a> | <a href="#">#84-762</a> |
| 825nm             | <a href="#">#86-062</a> | <a href="#">#86-070</a> | <a href="#">#86-078</a> |
| 850nm             | <a href="#">#66-228</a> | <a href="#">#66-236</a> | <a href="#">#84-763</a> |
| 875nm             | <a href="#">#86-063</a> | <a href="#">#86-071</a> | <a href="#">#86-079</a> |
| 900nm             | <a href="#">#66-229</a> | <a href="#">#66-237</a> | <a href="#">#84-764</a> |
| 925nm             | <a href="#">#86-064</a> | <a href="#">#86-072</a> | <a href="#">#86-080</a> |
| 950nm             | <a href="#">#66-230</a> | <a href="#">#66-238</a> | <a href="#">#84-765</a> |
| 975nm             | <a href="#">#86-065</a> | <a href="#">#86-073</a> | <a href="#">#86-081</a> |
| 1000nm            | <a href="#">#66-231</a> | <a href="#">#66-239</a> | <a href="#">#84-766</a> |
| 1025nm            | <a href="#">#86-066</a> | <a href="#">#86-074</a> | <a href="#">#86-082</a> |
| 1050nm            | <a href="#">#66-232</a> | <a href="#">#66-240</a> | <a href="#">#84-767</a> |
| 1075nm            | <a href="#">#86-067</a> | <a href="#">#86-075</a> | <a href="#">#86-083</a> |
| 1100nm            | <a href="#">#66-233</a> | <a href="#">#66-241</a> | <a href="#">#84-768</a> |

| Cut-On Wavelength | 12.5mm Diameter         | 25.0mm Diameter         | 50.0mm Diameter         |
|-------------------|-------------------------|-------------------------|-------------------------|
| 750nm             | <a href="#">#66-226</a> | <a href="#">#66-234</a> | <a href="#">#84-761</a> |
| 800nm             | <a href="#">#66-227</a> | <a href="#">#66-235</a> | <a href="#">#84-762</a> |
| 850nm             | <a href="#">#66-228</a> | <a href="#">#66-236</a> | <a href="#">#84-763</a> |
| 900nm             | <a href="#">#66-229</a> | <a href="#">#66-237</a> | <a href="#">#84-764</a> |
| 950nm             | <a href="#">#66-230</a> | <a href="#">#66-238</a> | <a href="#">#84-765</a> |
| 1000nm            | <a href="#">#66-231</a> | <a href="#">#66-239</a> | <a href="#">#84-766</a> |
| 1050nm            | <a href="#">#66-232</a> | <a href="#">#66-240</a> | <a href="#">#84-767</a> |
| 1100nm            | <a href="#">#66-233</a> | <a href="#">#66-241</a> | <a href="#">#84-768</a> |

|--|--|--|--|

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| 400nm             | #62-974         | #62-981         | #84-754         |
| 425nm             | #84-736         | #84-742         | #84-748         |
| 450nm             | #62-975         | #62-982         | #84-755         |
| 475nm             | #84-737         | #84-743         | #84-749         |
| 500nm             | #62-976         | #62-983         | #84-756         |
| 525nm             | #84-738         | #84-744         | #84-750         |
| 550nm             | #62-977         | #62-984         | #84-757         |
| 575nm             | #84-739         | #84-745         | #84-751         |
| 600nm             | #62-978         | #62-985         | #84-758         |
| 625nm             | #84-740         | #84-746         | #84-752         |
| 650nm             | #62-979         | #62-986         | #84-759         |
| 675nm             | #84-741         | #84-747         | #84-753         |
| 700nm             | #62-980         | #62-987         | #84-760         |
| 725nm             | #86-060         | #86-068         | #86-076         |
| 750nm             | #66-226         | #66-234         | #84-761         |
| 775nm             | #86-061         | #86-069         | #86-077         |
| 800nm             | #66-227         | #66-235         | #84-762         |
| 825nm             | #86-062         | #86-070         | #86-078         |
| 850nm             | #66-228         | #66-236         | #84-763         |
| 875nm             | #86-063         | #86-071         | #86-079         |
| 900nm             | #66-229         | #66-237         | #84-764         |
| 925nm             | #86-064         | #86-072         | #86-080         |
| 950nm             | #66-230         | #66-238         | #84-765         |
| 975nm             | #86-065         | #86-073         | #86-081         |
| 1000nm            | #66-231         | #66-239         | #84-766         |
| 1025nm            | #86-066         | #86-074         | #86-082         |
| 1050nm            | #66-232         | #66-240         | #84-767         |
| 1075nm            | #86-067         | #86-075         | #86-083         |
| 1100nm            | #66-233         | #66-241         | #84-768         |

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| 400nm             | #62-974         | #62-981         | #84-754         |
| 450nm             | #62-975         | #62-982         | #84-755         |
| 500nm             | #62-976         | #62-983         | #84-756         |
| 550nm             | #62-977         | #62-984         | #84-757         |
| 600nm             | #62-978         | #62-985         | #84-758         |
| 650nm             | #62-979         | #62-986         | #84-759         |
| 700nm             | #62-980         | #62-987         | #84-760         |
| 750nm             | #66-226         | #66-234         | #84-761         |
| 800nm             | #66-227         | #66-235         | #84-762         |
| 850nm             | #66-228         | #66-236         | #84-763         |
| 900nm             | #66-229         | #66-237         | #84-764         |
| 950nm             | #66-230         | #66-238         | #84-765         |
| 1000nm            | #66-231         | #66-239         | #84-766         |
| 1050nm            | #66-232         | #66-240         | #84-767         |
| 1100nm            | #66-233         | #66-241         | #84-768         |