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**TECHSPEC® VIS 400 - 700nm, 12.5mm Dia. Shortpass Filter Kit (13 Filters)**



Stock #86-453 [CONTACT US](#)

- 1 + C\$2,933.<sup>00</sup>

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**General**

**Filters Included :**  
Cut-Off Wavelength: [400nm](#) , [425nm](#) , [450nm](#) ,  
[475nm](#) , [500nm](#) , [525nm](#) , [550nm](#) , [575nm](#) , [600nm](#) ,  
[625nm](#) , [650nm](#) , [675nm](#) , [700nm](#)

**Type:**  
Shortpass Filter

**Number of Filters:**  
13.00

**Physical & Mechanical Properties**

**Diameter (mm):**  
12.50

## Optical Properties

Optical Density OD (Average):  
≥4.0

Substrate:   
[Fused Silica](#) (Coming 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:  
[View](#)

## 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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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	#64-326	#64-334	#84-730
875nm	#86-098	#86-106	#86-114
900nm	#64-327	#64-335	#84-731
925nm	#86-099	#86-107	#86-115
950nm	#64-328	#64-336	#84-732
975nm	#86-100	#86-108	#86-116
1000nm	#64-329	#64-337	#84-733
1025nm	#86-101	#86-109	#86-117
1050nm	#64-330	#64-338	#84-734
1075nm	#86-102	#86-110	#86-118
1100nm	#64-331	#64-339	#84-735

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750nm	#64-324	#64-332	#84-728
800nm	#64-325	#64-333	#84-729
850nm	#64-326	#64-334	#84-730
900nm	#64-327	#64-335	#84-731
950nm	#64-328	#64-336	#84-732
1000nm	#64-329	#64-337	#84-733
1050nm	#64-330	#64-338	#84-734
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400nm	#84-689	#84-702	#84-715
425nm	#84-690	#84-703	#84-716
450nm	#84-691	#84-704	#84-717
475nm	#84-692	#84-705	#84-718
500nm	#84-693	#84-706	#84-719
525nm	#84-694	#84-707	#84-720
550nm	#84-695	#84-708	#84-721
575nm	#84-696	#84-709	#84-722
600nm	#84-697	#84-710	#84-723
625nm	#84-698	#84-711	#84-724
650nm	#84-699	#84-712	#84-725
675nm	#84-700	#84-713	#84-726
700nm	#84-701	#84-714	#84-727
725nm	#86-095	#86-103	#86-111
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800nm	#64-325	#64-333	#84-729
825nm	#86-097	#86-105	#86-113
850nm	#64-326	#64-334	#84-730
875nm	#86-098	#86-106	#86-114
900nm	#64-327	#64-335	#84-731
925nm	#86-099	#86-107	#86-115
950nm	#64-328	#64-336	#84-732
975nm	#86-100	#86-108	#86-116
1000nm	#64-329	#64-337	#84-733
1025nm	#86-101	#86-109	#86-117
1050nm	#64-330	#64-338	#84-734
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Cut-On Wavelength	12.5mm Diameter	25.0mm Diameter	50.0mm Diameter
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

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Cut-On Wavelength	12.5mm Diameter	25.0mm Diameter	50.0mm Diameter
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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950nm	#66-230	#66-238	#84-765
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