

## Standard Bandpass Sets



Andover's standard bandpass filter sets cover the spectral region from the ultraviolet to the near infrared. Each set, including complete spectral data, is shipped in a convenient storage case.



### Ultraviolet Filter Set

Includes nine filters and is available in three sizes. Excellent choice for isolating specific spectral lines.

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
220.0 +3/-0	10 ±2	MDM/7	12	-	4	220FS10-12.5	220FS10-25	220FS10-50
239.0 +3/-0	10 ±2	MDM/7	15	-	4	239FS10-12.5	239FS10-25	239FS10-50
260.0 +3/-0	10 ±2	MDM/7	12	-	4	260FS10-12.5	260FS10-25	260FS10-50
280.0 +3/-0	10 ±2	MDM/7	12	-	4	280FS10-12.5	280FS10-25	280FS10-50
300.0 +3/-0	10 ±2	MDM/7	15	-	4	300FS10-12.5	300FS10-25	300FS10-50
320.0 +3/-0	10 ±2	3/3	25	1.45	8	320FS10-12.5	320FS10-25	320FS10-50
340.0 +3/-0	10 ±2	3/3	25	1.45	7	340FS10-12.5	340FS10-25	340FS10-50
360.0 +3/-0	10 ±2	3/3	25	1.45	7	360FS10-12.5	360FS10-25	360FS10-50
380.0 +3/-0	10 ±2	3/3	25	1.45	7	380FS10-12.5	380FS10-25	380FS10-50
9-Piece Ultraviolet Set						106FA10-12.5	106FA10-25	106FA10-50

MDM= Metal-Dielectric-Metal

## Standard Bandpass Sets

### Mercury Line Filter Sets

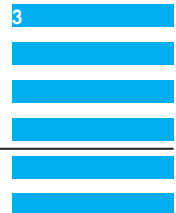
With their sharp cut-on and cut-off slopes, plus high degree of out-of-band blocking, these sets are useful for eliminating unwanted background radiation.

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
253.7 +3/-0	10 ±2	MDM/7	12	-	4	254FS10-12.5	254FS10-25	254FS10-50
265.0 +3/-0	10 ±2	MDM/7	12	-	4	265FS10-12.5	265FS10-25	265FS10-50
280.0 +3/-0	10 ±2	MDM/7	12	-	4	280FS10-12.5	280FS10-25	280FS10-50
289.0 +3/-0	10 ±2	MDM/7	15	-	4	289FS10-12.5	289FS10-25	289FS10-50
296.7 +3/-0	10 ±2	MDM/7	15	-	4	297FS10-12.5	297FS10-25	297FS10-50
313.0 +3/-0	10 ±2	MDM/7	15	-	4	313FS10-12.5	313FS10-25	313FS10-50
334.0 +2/-0	10 ±2	3/3	25	1.45	8	334FS10-12.5	334FS10-25	334FS10-50
365.0 +2/-0	10 ±2	3/3	25	1.45	7	365FS10-12.5	365FS10-25	365FS10-50
8-Piece Mercury Ultraviolet Set						100FA10-12.5	100FA10-25	100FA10-50

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
404.7 +1/-0	5 ±1	2/2	35	1.45	7	405FS05-12.5	405FS05-25	405FS05-50
435.8 +1/-0	5 ±1	2/2	45	1.45	7	436FS05-12.5	436FS05-25	436FS05-50
546.1 +2/-0	10 ±2	3/3	55	2.05	7	546FS10-12.5	546FS10-25	546FS10-50
577.0 +1/-0	5 ±1	2/2	50	1.45	7	577FS05-12.5	577FS05-25	577FS05-50
1014.0 +2/-0	10 ±2	3/3	45	2.05	8.5	014FS10-12.5	014FS10-25	014FS10-50
5-Piece Mercury Visible/Near Infrared Set						102FA10-12.5	102FA10-25	102FA10-50

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
253.7 +3/-0	10 ±2	MDM/7	12	-	4	254FS10-12.5	254FS10-25	254FS10-50
265.0 +3/-0	10 ±2	MDM/7	12	-	4	265FS10-12.5	265FS10-25	265FS10-50
280.0 +3/-0	10 ±2	MDM/7	12	-	4	280FS10-12.5	280FS10-25	280FS10-50
289.0 +3/-0	10 ±2	MDM/7	15	-	4	289FS10-12.5	289FS10-25	289FS10-50
296.7 +3/-0	10 ±2	MDM/7	15	-	4	297FS10-12.5	297FS10-25	297FS10-50
313.0 +3/-0	10 ±2	MDM/7	15	-	4	313FS10-12.5	313FS10-25	313FS10-50
334.0 +2/-0	10 ±2	3/3	25	1.45	8	334FS10-12.5	334FS10-25	334FS10-50
365.0 +2/-0	10 ±2	3/3	25	1.45	7	365FS10-12.5	365FS10-25	365FS10-50
404.7 +2/-0	10 ±2	3/3	45	1.45	7	405FS10-12.5	405FS10-25	405FS10-50
435.8 +2/-0	10 ±2	3/3	45	1.45	7	436FS10-12.5	436FS10-25	436FS10-50
546.1 +2/-0	10 ±2	3/3	55	2.05	7	546FS10-12.5	546FS10-25	546FS10-50
577.0 +2/-0	10 ±2	3/3	55	2.05	7	577FS10-12.5	577FS10-25	577FS10-50
1014.0 +2/-0	10 ±2	3/3	45	2.05	8.5	014FS10-12.5	014FS10-25	014FS10-50
13-Piece Mercury Ultraviolet/Visible/Near Infrared Set						104FA10-12.5	104FA10-25	104FA10-50

MDM= Metal-Dielectric-Metal



# Standard Bandpass Sets

## Visible Filter Sets

Consists of three options in different bandwidths.

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
400.0 +3/-0	10 ±2	3/3	45	1.45	7	400FS10-12.5	400FS10-25	400FS10-50
450.0 +3/-0	10 ±2	3/3	45	1.45	7	450FS10-12.5	450FS10-25	450FS10-50
500.0 +3/-0	10 ±2	3/3	55	2.05	7	500FS10-12.5	500FS10-25	500FS10-50
550.0 +3/-0	10 ±2	3/3	55	2.05	7	550FS10-12.5	550FS10-25	550FS10-50
600.0 +3/-0	10 ±2	3/3	55	2.05	7	600FS10-12.5	600FS10-25	600FS10-50
650.0 +3/-0	10 ±2	3/3	55	2.05	7	650FS10-12.5	650FS10-25	650FS10-50
700.0 +3/-0	10 ±2	3/3	55	2.05	7	700FS10-12.5	700FS10-25	700FS10-50
7-Piece Visible (10nm Bandwidth) Set						108FA10-12.5	108FA10-25	108FA10-50

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
400.0 +10/-0	40 ±8	3/3	45	1.45	7	400FS40-12.5	400FS40-25	400FS40-50
450.0 +10/-0	40 ±8	3/3	55	1.45	7	450FS40-12.5	450FS40-25	450FS40-50
500.0 +10/-0	40 ±8	3/3	55	2.05	7	500FS40-12.5	500FS40-25	500FS40-50
550.0 +10/-0	40 ±8	3/3	55	2.05	7	550FS40-12.5	550FS40-25	550FS40-50
600.0 +10/-0	40 ±8	3/3	55	2.05	7	600FS40-12.5	600FS40-25	600FS40-50
650.0 +10/-0	40 ±8	3/3	50	2.05	7	650FS40-12.5	650FS40-25	650FS40-50
700.0 +10/-0	40 ±8	3/3	50	2.05	7	700FS40-12.5	700FS40-25	700FS40-50
7-Piece Visible (40nm Bandwidth) Set						110FA40-12.5	110FA40-25	110FA40-50

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
400.0 +25/-0	70 ±16	MDM/10	60	-	7	400FS70-12.5	400FS70-25	400FS70-50
450.0 +25/-0	80 ±16	MDM/9	65	-	7	450FS80-12.5	450FS80-25	450FS80-50
500.0 +25/-0	80 ±16	MDM/9	70	-	7	500FS80-12.5	500FS80-25	500FS80-50
550.0 +25/-0	80 ±16	MDM/9	70	-	7	550FS80-12.5	550FS80-25	550FS80-50
600.0 +25/-0	80 ±16	MDM/9	70	-	7	600FS80-12.5	600FS80-25	600FS80-50
650.0 +25/-0	80 ±16	MDM/9	70	-	7	650FS80-12.5	650FS80-25	650FS80-50
700.0 +25/-0	80 ±16	MDM/9	65	-	7	700FS80-12.5	700FS80-25	700FS80-50
7-Piece Visible (80nm Bandwidth) Set						112FA80-12.5	112FA80-25	112FA80-50

MDM= Metal-Dielectric-Metal

## Standard Bandpass Sets

### Near Infrared Filter Sets

Includes three options in different bandwidths. Useful for isolating specific lines or bands over a much broader and higher wavelength region.

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
750.0 +3/-0	10 ±2	3/3	50	2.05	7	750FS10-12.5	750FS10-25	750FS10-50
800.0 +3/-0	10 ±2	3/3	50	2.05	7	800FS10-12.5	800FS10-25	800FS10-50
850.0 +3/-0	10 ±2	3/3	50	2.05	7	850FS10-12.5	850FS10-25	850FS10-50
900.0 +3/-0	10 ±2	3/3	50	2.05	7	900FS10-12.5	900FS10-25	900FS10-50
950.0 +25/-0	100 ±20	MDM/9	60	-	7	950FS00-12.5	950FS00-25	950FS00-50
1000.0 +3/-0	10 ±2	3/3	45	2.05	8.5	100FS10-12.5	100FS10-25	100FS10-50
1050.0 +3/-0	10 ±2	3/3	45	2.05	8.5	050FS10-12.5	050FS10-25	050FS10-50
1100.0 +3/-0	10 ±2	3/3	40	2.05	8.5	110FS10-12.5	110FS10-25	110FS10-50
1150.0 +3/-0	10 ±2	3/3	40	2.05	8.5	115FS10-12.5	115FS10-25	115FS10-50
1200.0 +3/-0	10 ±2	2/2	35	2.05	8.5	120FS10-12.5	120FS10-25	120FS10-50
1250.0 +3/-0	10 ±2	2/2	35	2.05	8.5	125FS10-12.5	125FS10-25	125FS10-50
1300.0 +3/-0	10 ±2	2/2	35	2.05	8.5	130FS10-12.5	130FS10-25	130FS10-50
1400.0 +3/-0	10 ±2	2/2	30	2.05	8.5	140FS10-12.5	140FS10-25	140FS10-50
1550.0 +3/-0	10 ±2	2/2	30	2.05	8.5	155FS10-12.5	155FS10-25	155FS10-50
1550.0 ±3	20 ±5	3/3	30	2.05	8.5	155FS20-12.5	155FS20-25	155FS20-50
15-Piece Near Infrared (10nm Bandwidth) Set						114FA10-12.5	114FA10-25	114FA10-50

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
750.0 +10/-0	40 ±8	3/3	40	2.05	7	750FS40-12.5	750FS40-25	750FS40-50
800.0 +10/-0	40 ±8	3/3	50	2.05	7	800FS40-12.5	800FS40-25	800FS40-50
850.0 +10/-0	40 ±8	3/3	50	2.05	7	850FS40-12.5	850FS40-25	850FS40-50
900.0 +10/-0	40 ±8	3/3	50	2.05	7	900FS40-12.5	900FS40-25	900FS40-50
950.0 +10/-0	40 ±8	3/3	50	1.45	7	950FS40-12.5	950FS40-25	950FS40-50
1000.0 +10/-0	40 ±8	3/3	45	1.45	8.5	100FS40-12.5	100FS40-25	100FS40-50
6-Piece Near Infrared (40nm Bandwidth) Set						116FA40-12.5	116FA40-25	116FA40-50

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
750.0 +25/-0	100 ±20	MDM/9	65	-	7	750FS00-12.5	750FS00-25	750FS00-50
800.0 +25/-0	100 ±20	MDM/9	65	-	7	800FS00-12.5	800FS00-25	800FS00-50
850.0 +25/-0	100 ±20	MDM/9	65	-	7	850FS00-12.5	850FS00-25	850FS00-50
900.0 +25/-0	100 ±20	MDM/9	60	-	7	900FS00-12.5	900FS00-25	900FS00-50
950.0 +25/-0	100 ±20	MDM/9	60	-	7	950FS00-12.5	950FS00-25	950FS00-50
1000.0 +25/-0	100 ±20	MDM/9	60	-	8.5	100FS00-12.5	100FS00-25	100FS00-50
6-Piece Near Infrared (100nm Bandwidth) Set						118FA00-12.5	118FA00-25	118FA00-50

MDM= Metal-Dielectric-Metal



## Standard Bandpass Sets

### Zinc and Cadmium Filter Sets

Available in four wavelengths and two half bandwidths. A good tool for liquid chromatography work, particularly fixed wavelength detectors.

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
214.0 +3/-0	10 ±2	MDM/7	12	-	4	214FS10-12.5	214FS10-25	214FS10-50
228.0 +3-0	10 ±2	MDM/7	15	-	4	228FS10-12.5	228FS10-25	228FS10-50
307.1 +3/-0	10 ±2	MDM/7	15	-	4	307FS10-12.5	307FS10-25	307FS10-50
326.1 +2/-0	10 ±2	3/3	25	1.45	8	326FS10-12.5	326FS10-25	326FS10-50
4-Piece Zinc and Cadmium (10nm Bandwidth) Set						107FA10-12.5	107FA10-25	107FA10-50

CW/L (nm)	FWHM (nm)	Filter Type/ Cavities	Min. T (%)	N*	Max. Thickness (mm)	Size, Shape & Part Number		
						12.5mm Ø ○	25mm Ø ○	50mm Ø ○
214.0 ±3	22 ±4	MDM/8	20	-	4	214FS22-12.5	214FS22-25	214FS22-50
228.0 ±3	25 ±5	MDM/8	20	-	4	228FS25-12.5	228FS25-25	228FS25-50
307.1 ±3	25 ±5	MDM/8	20	-	4	307FS25-12.5	307FS25-25	307FS25-50
326.1 ±3	25 ±5	3/3	25	1.45	8	326FS25-12.5	326FS25-25	326FS25-50
4-Piece Zinc and Cadmium (22/25nm Bandwidth) Set						107FA23-12.5	107FA23-25	107FA23-50

MDM= Metal-Dielectric-Metal

### User-Defined Standard Sets

In addition to an extensive line of standard sets, Andover Corporation also offers customers the opportunity to build their own filter sets from across our product listings—whether bandpass, neutral density, dichroic, edge, or other filter category.

The only restriction is that the filters must be the same size. Take your choice of six-, eight-, and twelve-piece sets in one of four standard sizes. All filter sets include complete spectral curve data and are shipped in a hardwood storage case.

	Size, Shape & Part Number		
	12.5mm Ø ○	25mm Ø ○	50mm Ø ○
6-Piece Set	000FS06-12.5	000FS06-25	000FS06-50
8-Piece Set	000FS08-12.5	000FS08-25	000FS08-50
12-Piece Set	000FS12-12.5	000FS12-25	000FS12-50

With this special offer, you automatically save...

- 5% on a 6-piece set
- 8% on a 8-piece set
- 10% on a 12-piece set