



ANDOVER CORPORATION
Quality Optical Filters and Coatings
2009 - 2010

ORDERING INFORMATION

Four Ways to Order

Online	www.andovercorp.com
Email	sales@andovercorp.com
Telephone	US toll-free 1.888.893.9992 International +00.1.603.893.6888
Fax	603.893.6508

Pricing

Current prices are available at andovercorp.com by clicking on the part numbers for particular items. For a complete price list or a specific quote, please contact our sales department.

Purchase Orders

Andover Corporation accepts e-mail, written, and online orders from customers with an open line of credit. New customers must confirm their orders in writing and supply credit references upon request.

Blanket Orders

Andover Corporation can help reduce your inventory by scheduling automatic delivery of your order over time. Complete details are available here: <http://www.andovercorp.com/info>

Payment Terms

Net 30 days from date of invoice for customers with established lines of credit. International customers should check with the sales department to determine if prepayment is required. All foreign orders are subject to shipping and banking fees. For blanket orders, please contact our sales department for special terms and conditions. Visa, MasterCard and American Express accepted.



Shipping

Most standard items ship within two days of receipt of an order. All out-of-stock products are shipped within two weeks. For rush orders, one-day shipping may be available.

All prices are FOB Salem, New Hampshire, USA. Shipments are freight prepaid and billed to the buyer.

Order online for free ground shipping within the US.

Return Policy

Andover Corporation accepts returns of defective items up to one year from the invoice date. Before returning any items, please contact our technical sales staff for a Return Goods Authorization (RGA) number and complete shipping instructions.

LIMITED WARRANTY

Andover warrants that all products shall conform to the product specifications and shall be free from defects in materials and workmanship for a period of one year from date of purchase. This Limited Warranty shall not apply in the event of any failure caused by accident, misuse, neglect, alteration or improper installation or repair by the purchaser.

Disclaimer of other warranties. The limited warranty set forth above is in place of other warranties, express or implied, and Andover expressly disclaims all other warranties, including warranties of merchantability and fitness for a particular purpose. Specifically, it is the purchaser's responsibility to test and determine the suitability of the products for purchaser's intended use, which shall be the sole responsibility of the purchaser.

Limitation of remedies and damages. Andover's sole obligation and the purchaser's sole and exclusive remedy under the Limited Warranty set forth above shall be limited to (a) replacement of defective products provided that written claim of the defect is sent to Andover within the Limited Warranty period, the original product is returned with transportation prepaid, and Andover's inspection establishes the existence of such defect; or (b) at the sole discretion of Andover, return of the original purchase price received by Andover from the purchaser. Andover shall in no event be liable for any damages, including without limitation, lost profits, incidental or consequential damages by reason of or in connection with the purchase or use of the products.

Indemnification. The purchaser agrees to indemnify and hold Andover harmless from and against any claim, loss, cost or expense resulting from purchaser's use of the products, whether such claim arises in contract, tort or otherwise.

Governing law. All matters arising under this Limited Warranty and other terms and conditions of sale shall be governed by the laws of the State of New Hampshire. The purchaser consents to the exclusive jurisdiction of the courts of the State of New Hampshire in all matters relating to the purchase, sale and use of the products.

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)	Cavities/ Filter Type	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

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)	Cavities/ Filter Type	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)	Cavities/ Filter Type	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)	Cavities/ Filter Type	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

Visible Filter Sets

Consists of three options in different bandwidths.

CW/L (nm)	FWHM (nm)	Cavities/ Filter Type	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)	Cavities/ Filter Type	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)	Cavities/ Filter Type	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

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)	Cavities/ Filter Type	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 +3/-0	10 ±2	3/3	50	2.05	7	950FS10-12.5	950FS10-25	950FS10-50
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)	Cavities/ Filter Type	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)	Cavities/ Filter Type	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

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)	Cavities/ Filter Type	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)	Cavities/ Filter Type	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 three standard sizes. All filter sets include complete spectral curve data and are shipped with a hardwood storage case.

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

	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