

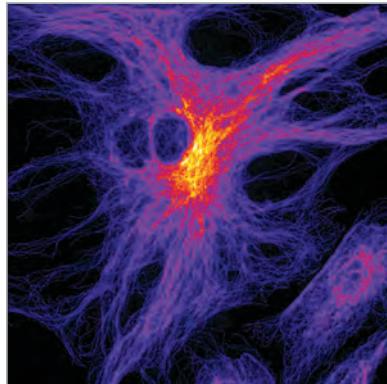


FILTER SETS

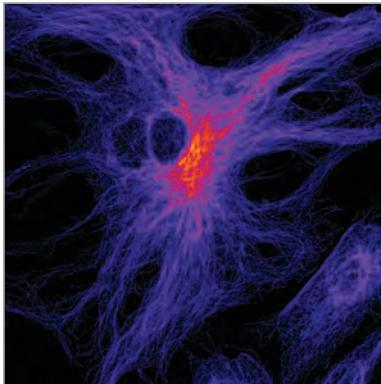
Chroma Technology is a leading manufacturer of interference filters for the ultra-violet, visible and near-infrared portions of the spectrum. Established as an employee-owned company in 1991, Chroma has specialized in the design and manufacture of precision optical filters and coatings in the United States for more than 20 years.

The best value in sputtered optical filters: Chroma's AT filter sets

AT filters provide the same durability and longevity as our premium, zero-pixel-shift ET filters with transmission levels >90%. AT filter sets are the perfect choice for routine fluorescence detection and assays, and most applications requiring accurate color discrimination and excellent out-of-band blocking.

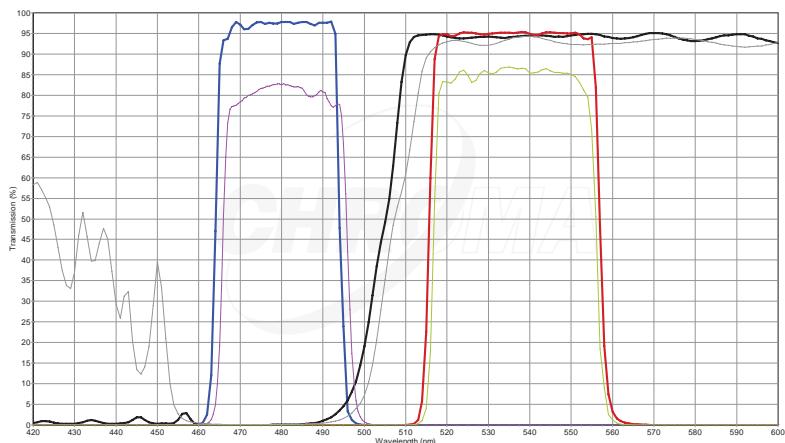


39002 "AT" filter set

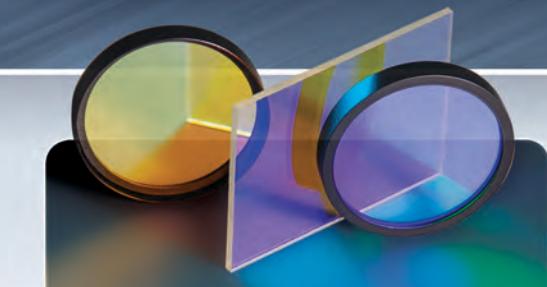


31001 Soft-coated filter set

Typical transmission spectra: 39002 AT set (**bold lines**)
31001 soft-coated set (**thin lines**)



39002 filter set spectra: ■ AT480/30x, ex filter ■ AT505DC, dichroic
31001 filter set spectra: ■ D480/30x, ex filter ■ 505DCLP, dichroic



Product Highlights

- ▶ 50% greater signal intensity than spectrally similar soft-coated filters
- ▶ Sputtered coatings, which are much more durable, harder and longer lasting than soft coatings
- ▶ Less costly than similar sputtered filters from competitors
- ▶ Elimination of heavy-metal-containing absorption glass

Say Goodbye!

Chroma is retiring the long-standing soft-coated product lines of catalog filter sets.

On January 1, 2014, the 31000 and 41000 series bandpass filter sets and the 11000 series longpass filter sets will be discontinued.

The new AT sputtered series is comparably priced, providing a high-throughput, low-cost alternative to our premium, zero-pixel-shift ET filters.



FILTER SETS

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AT Bandpass Sets

| Fluorochrome | Filter Set |
|--|------------|
| DAPI/Hoechst/AlexaFluor 350 and similar | 39000 |
| CFP/Cerulean and similar | 39001 |
| GFP/FITC/Cy2/AlexaFluor 488 and similar | 39002 |
| YFP/Venus/Citrine and similar | 39003 |
| TRITC/Cy3/TagRFP/AlexaFluor 546 and similar | 39004 |
| Red-shifted TRITC and similar | 39005 |
| Texas Red/mCherry/AlexaFluor594 and similar | 39010 |
| Cy5/AlexaFluor/Draq5 and similar | 39007 |
| Lucifer Yellow/Tetracycline/AlexaFluor 430 and similar | 39008 |
| Acridine Orange/Di-8-ANEPPS and similar | 39009 |

AT Longpass Sets

| Fluorochrome | Filter Set |
|---|------------|
| DAPI and similar | 19000 |
| Coumarin/Pacific Blue and similar | 19011 |
| Aqua/CFP and similar | 19001 |
| GFP/FITC and similar | 19002 |
| TRITC and similar | 19004 |
| Texas Red/mCherry and similar | 19006 |
| Auramine and similar | 19008 |
| FM 1-43/Chlorophyll and similar | 19010 |
| FluoroGold/Calcofluor White and similar | 19012 |

Typical transmission spectra:

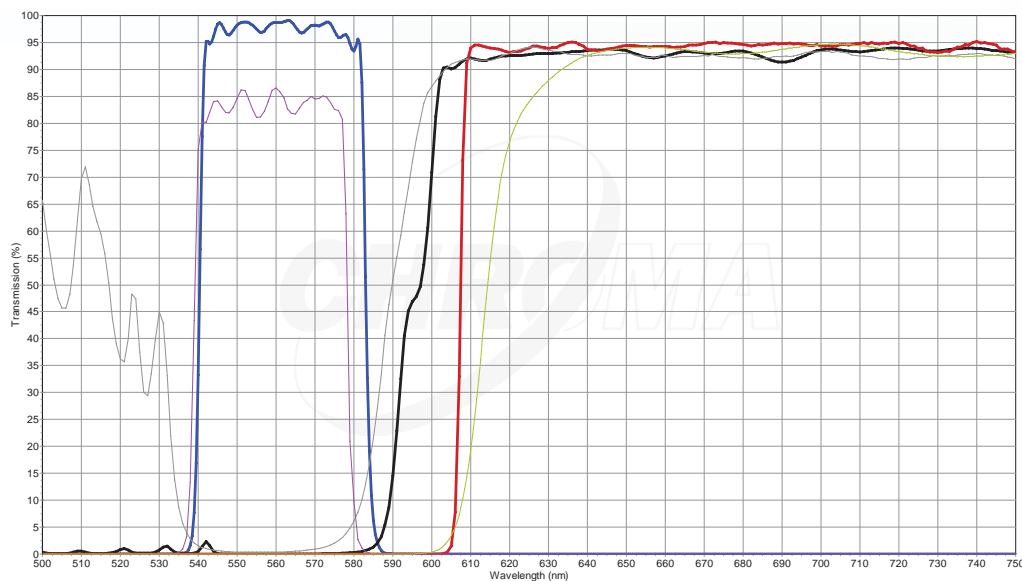
19006 AT set (**bold lines**)
11010v2 Basic set (*thin lines*)

19006 filter set spectra:

- AT560/40x, ex filter
- AT600DC, dichroic
- AT610lp, em filter

11010v2 filter set spectra:

- D560/40x, ex filter
- 590DCLP, dichroic
- E610lpv2, em filter



CHROMA TECHNOLOGY CORP®

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