



ARISTA.EDU® ULTRA FB VC Variable Contrast • Fiber Base Black & White Photographic Paper

Description:

Arista.EDU® Ultra FB VC is a variable contrast, black and white enlarging paper with a double weight, fiber base.

The use of yellow and magenta colored filters permits selection of the desired contrast from a range of grades similar to that of graded papers.

Arista.EDU® Ultra FB VC is available in Glossy & Semi-Matte surfaces.

Contrast Control:

Contrast may be adjusted from grade 0 through grade 5 by using standard Ilford Multigrade™ or Kodak Polymax™/Polycontrast™ filters. An enlarger color head may also be used by adjusting the amount of magenta or yellow filters as indicated in this chart:

Grade	Beseler Omega, LPL	Durst Dunco, Leitz	Agfa Meopta
0	80Y	60Y	120Y
1	30Y	30Y	30Y
2	10M	10M	20M
3	60M	40M	130M
4	120M	90M	300M
5	200M	130M	400M

When exposed with no filter, the paper gives a contrast of approximately grade #2.

Exposure Guide:

Arista.EDU® Ultra FB VC is designed for use with tungsten or tungsten quartz halogen light sources. Other light sources may give different contrast values. Exposure of the paper is straight forward, depending on which filter system is in use. For Ilford Multigrade filters, grades 00 - 3.5 have the same speed rating (ISO P200), grades 4 through 5 require approximately twice the exposure.

Handling & Safelights:

Open only in a photographic darkroom illuminated by standard OC, red or sodium vapor safelights such as Thomas™ brand safelights. OC or Red safelights should contain maximum 15 watt bulbs or equivalent. Make sure that safelights are at least 3 feet from the paper at all times and good working practice of keeping exposure to safelights at a minimum should be adopted. If safelight fog occurs dim your safelights or move them farther from the paper.

Processing:

Arista.EDU® Ultra VC RC can be processed in either trays or processing machines approved for photographic papers on a baryta base. While the paper does contain developing agent, activation/stabilization processing cannot be used.

Development:

Arista.EDU® Ultra VC RC can be processed in any standard black and white photographic paper developer. Generally development of 90 - 120 seconds at 68°F/20°C should be required. The developer manufacturer's recommendations should be followed.

Stop Bath & Fixing:

To stop development immediately and to extend fixer life, use a standard stop bath for a minimum of 20-30 seconds at a temperature between 65°-75°F (18°-24°C). Plain water may be used as a stop bath if changed frequently to prevent developer build up in bath. Fixing can be done in a standard fixing solution. Generally a 3-5 minute fix time at 68°F/20°C should be sufficient.

Washing:

Fixed prints should be washed in running water for 35-45 minutes. A standard hypo clearing agent or hypo eliminator should be used to shorten wash time and save water.

Storage:

Store in a cool dry place for best preservation. For prolonged storage a freezer can be used. In either case, allow sufficient time for warming up and do not allow condensation to form on the paper. Keep out of reach of harmful vapors & gases. Unused paper should be returned to its original packaging for storage.

For more information regarding Arista.EDU® Ultra brand products contact:

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