



ARISTA-II® VC RC Variable Contrast • Resin-Coated Black & White Photographic Paper

Description:

Arista-II® VC RC is a high speed, variable contrast, black and white enlarging paper with a medium weight, polyethylene coated base. The paper base is 190 g/m² coated on both sides with 40 g/m² of polyethylene giving a base weight of approximately 270 g/m² and a thickness of approximately 245 µm. The emulsion has a silver content of approximately 1.5 g/m².

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

A neutral-cool image tone and clean white base combine to give a high quality paper equally suitable for tray or machine processing. Arista-II® VC RC gives a consistent image tone across all grades and exhibits excellent image sharpness.

Arista-II® VC RC is available in Glossy & Fine Lustre surfaces.

Contrast Control:

Contrast may be adjusted from grade 00 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 |
|-------|-----------------------|-----------------------|----------------|
| 00 | 150Y | 80Y | 140Y |
| 0 | 80Y | 40Y | 90Y |
| 1 | 45Y | 15Y | 60Y |
| 2 | 10M | 20M | 15Y |
| 3 | 45M | 40M | 45M |
| 4 | 75M | 60M | 75M |
| 5 | 130M | 130M | 120M |

When exposed with no filter, the paper gives a contrast of approximately grade #2 and is approximately 1 stop faster than other photographic papers such as Ilford & Kodak.

Exposure Guide:

Arista-II® VC RC 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 have the same speed rating (ISO P250), grades 4 and 5 require approximately twice the exposure. When no filter is used, the paper has a contrast of approximately grade 2 with a speed rating of ISO P640.

Handling & Safelights:

Open only in a photographic darkroom illuminated by standard OC or Red safelights containing 15 watt bulbs or equivalent. The safelights should be 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. Unused paper should be returned to its original packaging for storage.

Processing:

Arista-II® VC RC can be processed in either trays or roller transport processing machines. While the paper does contain developing agent, activation/stabilization processing can not be used.

Development:

Arista-II® VC RC can be processed in any standard black and white photographic paper developer. Generally development of 60 - 90 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 10 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 2-5 minute fix time at 68°F/20°C should be sufficient.

Washing:

Fixed prints should be washed in running water for 3-4 minutes. No hypo clearing agent or hypo eliminator should be used.

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.

For more information regarding Arista® II Brand products contact:

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