History of Silver Gelatin Papers

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Mellon / FAIC Collaborative Workshop in Photograph Conservation

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364

EASTMAN'S

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LABEL REGISTERED 1885.

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AMERICAN SELF TONING PAPER
MANUFACTURING CO.
NEWARK, NEW JERSEY.

ORIGINAL 3¼ X 4¼ PACKAGE

American Aristotype Company, Aristo., 1896, M366

American Self-Toning Co., Self-Toning Matt, expired Feb., 1899, M1005
EXPOSING

Avoid haphazard methods of exposure. Complete success in printing depends largely upon accuracy of exposure, and this can be secured only by systematic working. Exposure depends upon three factors: the light used, the distance between the light and the printing frame, and the density of the negative. Keep the first two factors constant. Use always the same illuminant and take care that the printing frame is placed at exactly the same distance from it. Remember, if you double the distance you need four times the exposure; halve the distance, and you need only one-quarter the exposure. A small variation in distance makes a big difference in exposure.

Selo paper should not be exposed by daylight, exposure has then to be too short to be controllable.

Accurate exposure, in the first place, can be achieved only by experiment. The following figures for a negative of normal density and contrast printed on Normal Selo Paper will, however, serve as a guide.

<table>
<thead>
<tr>
<th>Light</th>
<th>Distance</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incandescent Gas</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>Electric Light, 40-watt Pearl (gas-filled)</td>
<td>12</td>
<td>5</td>
</tr>
<tr>
<td>Duplex Paraffin</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>High Pressure Spirit Lamp</td>
<td>18</td>
<td>12</td>
</tr>
</tbody>
</table>

One or two tests on strips of paper will be sufficient to show how modification of these exposures is necessary and if the exposure is marked on the corner of each negative as it is printed, you could have no difficulty estimating reasonably accurately, by comparison, exposure required for new negative.
Ansaldo Cyko Studio Expired July, 1911  M1501

Defender, Argo, Expired Feb. 1912  M2775

Kosmos Gaslight Paper Novex, ca. 1920  M2522
Velox Prints from KODAK and BROWNIE Negatives
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INGENTO

PhoTo Supplies

INGENTO Enlarger, Advertised in Abel's Photographic Weekly, October 1913
Negativ a gradace papíru:

Otisk na papīře

**NEODUR**

**NORMAL**
41 N
pro brilantní a normální negativy

**CONTRAST**
41 C
pro měkké až chábě negativy.

**ULTRA**
41 U
pro nechabější negativy.

---

Neobrom sample books, ca. 1935, M2089 & 2142
Defender sample books, ca. 1935 & 1940
Surface Characteristics of Kodak Photographic Papers

1. **TEXTURE** or surface roughness affects the visibility of fine detail in the print.

   - **Smooth**: No noticeable surface pattern. Best for subjects with fine detail.
   - **Fine-grained**: Slightly pebbled surface. Good for general all around use.
   - **Rough**: Strong texture. Good for scenes with masses of uniform tone.
   - **Special Surfaces**: Strongly textured paper for special effects.

2. **GLOSS** or surface sheen determines the depth of black in the print.

   - **Glossy**: Gives deepest black. For subjects with long tone scale.
   - **High Lustre**: Gives almost same degree of black as glossy surface.
   - **Lustre**: Exhibits rich black. Good for general use.
   - **Matte**: Gives soft black. Suited to subjects with short tone scale.

3. **STOCK TINT** refers to the color of the paper.

   - **White Stock**: White in color. Suited to cold-tone subjects.
   - **Cream White Stock**: Off white in color. Good for general use.
   - **Old Ivory Stock**: Buff in color. Effective for portraits and sunlighted scenes.
Dassonville, Charcoal Black: Sketching White expired July 1946 & Opaline Parchment, expired October, 1950, M399 & M213
OPEN IN PHOTOGRAPHIC DARK ROOM
FOR PERFECT PICTURES
Gevaert
(CALL IT "GAY-VART")
SENSITIZED
PHOTOGRAPHIC
PAPER
THE GEVAERT CO OF AMERICA INC., NEW YORK
KEEP IN A DRY AND COOL LOCATION
8 x 10"
Gevaert, Gevaluxe Velours,
ca. 1935 & 1940, M2074 & 1882
Test your Safelight and Enlarger Cap. Some Safelights suitable for ordinary Bromide Paper may not be equally satisfactory for this paper.

Safelight recommended: Ilford “S” (Maximum illumination) or Wratten Series 1.
Kodachrome and Agfacolor ca. 1936
Illustrations from 50 Years of Modern Color Photography 1936-1986, pp. 20 & 13, Manfred Heiting, 1986.
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For best results, develop AnSCO papers in AnSCO laboratory-tested developers.

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Sample books of photographic paper: AnSCO 1952 & GAF ca. 1965
Kodak Photographic Paper

Eastman Kodak, Polycontrast paper on resin coated base, 1974, M2203
Kodak Elite Fine Art, ca. 1985 & Forte Elegance, Polywarmtone, 2006, M346 & M1025
Kodak Announces End Of Black And White Paper Production

June 16, 2005
By David Schloss

Kodak today quietly announced that as of 2006, it will no longer be producing black and white photographic paper. The surprise announcement was made to PDN via a phone conference on Monday.

"Kodak will discontinue the production and sale of black and white photographic papers as part of its worldwide digital growth strategy," said a company statement. "As the imaging industry transitions from film to digital technologies, demand for B and W paper is declining by 25 percent per year and no longer represents an attractive market for Kodak."

The company added that it will continue to produce both film and chemicals, in a move that’s bound to confuse the consumer at least a little bit. "Kodak is not exiting the B and W film or B and W chemical market. We are concentrating on growth areas and helping/enabling the professional imaging markets to innovate and grow through digital capture, digitization of film images and thermal output solutions."

When asked if other companies might be allowed (or pursued even) to produce the line of Kodak black and white paper, company representatives indicated that while they had investigated that option, it did not seem attractive, adding that other companies are still making black and white papers, which should still give the consumer plenty of options for black and white output.
Papers purchased in 2006 and available 2010