

# data release

EASTMAN KODAK COMPANY • ROCHESTER, N.Y. 14650

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## KODAK LINAGRAPH 480 Paper

FEB 2 2000

### PHOTOGRAPHIC AND PHYSICAL PROPERTIES

KODAK LINAGRAPH 480 Paper is designed primarily for seismograph recording, especially under difficult and varied field conditions. It develops and fixes rapidly, and can be processed at temperatures up to 120 F without loss of photographic quality. This paper can also be used for general tungsten oscillography.

#### Color Sensitivity

Orthochromatic

#### Relative Writing Speed

5,000 inches per second in tungsten recorders

Relative writing speed means rate of trace movement, and should not be confused with paper-travel speed, which is the rate of paper movement. Writing speed is a relative term, and is dependent upon the particular model of seismograph or oscillograph used, the type of light source employed, and the processing conditions.

#### Average Thickness

LINAGRAPH 480 Paper—0.0051-inch

#### Darkroom Handling

Use a KODAK Safelight Filter No. 2 (dark red), in a suitable safelight lamp, with a 15-watt bulb, no less than 4 feet from the paper.

### PROCESSING

#### Rolls

KODAK LINAGRAPH 480 paper can be processed in stabilization processing equipment (such as a CEC\* 23-109 Oscillogram Processor, a Viewlex Photographic Paper Processing Machine, EH-5(2), or a Sprengnether Photographic Record Processor) with the KODAK LINAGRAPH 1000 Liquid Processing Kit. The solutions of this kit must be used in the following order:

First Tank ..... Developer  
Second Tank ..... Stop Bath  
Third Tank ..... Stabilizer  
Fourth Tank ..... Stabilizer

All solutions should be kept at 100 F during processing. The processing rate is determined by the drying capacity of the processor.

Chemicals in the kit will process approximately 1000 square feet of paper. All solutions should be discarded after this footage has been reached.

Complete instructions for mixing and use are packaged with each kit.

\* Consolidated Electrodynamics Corporation

### Short Lengths

Short-length records of KODAK LINAGRAPH 480 Paper can be processed in a tray by using the solutions listed below. Use continuous agitation for the times given.

<i>Solution</i>	<i>Time</i>	<i>Temperature</i>
1. KODAK LINAGRAPH Developer or LINAGRAPH 320 Developer (1:7)	60 sec	68 F
2. KODAK LINAGRAPH Stop Bath	5 to 10 sec	65 to 70 F
3. KODAK LINAGRAPH Fixer	5 to 10 min	65 to 70 F
4. Wash (running water)	45 min	65 to 70 F

If records are to be examined immediately, a short wash can be given at the time of processing and a more thorough wash later.

The use of KODAK Hypo Clearing Agent after fixing will greatly reduce washing time and conserve water.

### SIZE DATA AND ORDERING INFORMATION

**Sizes Available:** Not all of the types and sizes listed below are regularly stocked. In some cases, minimum-order or special-order requirements will apply. Because these requirements are subject to change, you should check with your instrumentation dealer before ordering.

When ordering, include the following information:

1. Number of rolls
2. Sizes (width and length)
3. Paper name
4. Specification number

**Example:** 10 rolls, 6 in x 200 ft, KODAK LINAGRAPH 480 Paper, Sp 1.

#### KODAK LINAGRAPH 480 Paper

<i>Size</i>		<i>Specification (Sp)</i>
<i>inches</i>	<i>feet</i>	<i>Number</i>
3	x 200	1
4	x 150	1
5	x 200	1
5½	x 150	1
6	x 100	2
6	x 150	1,2
6	x 200	1,2
7	x 200	1

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KODAK LINAGRAPH 480 Paper—Cont.

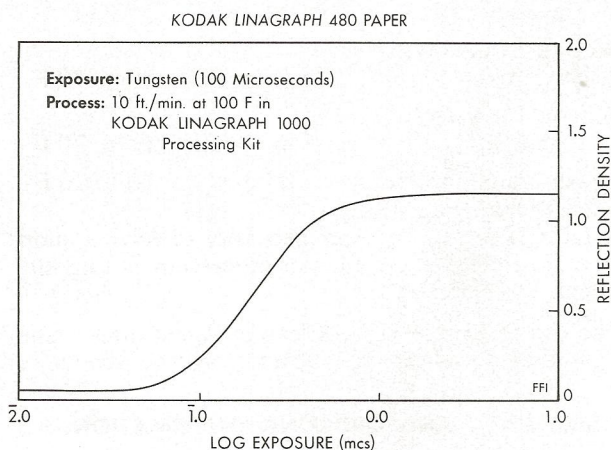
Size		Specification (Sp) Number
inches	feet	
8	x 150	1
8	x 200	1,2,109
10	x 150	1
10	x 200	1,2
12	x 200	2
20	x 200	287
24	x 200	287
42	x 200	287

Size		Specification (Sp) Number
cm	feet	
15	x 150	1,2
15	x 200	1
20	x 200	1
25	x 200	1
30	x 200	1

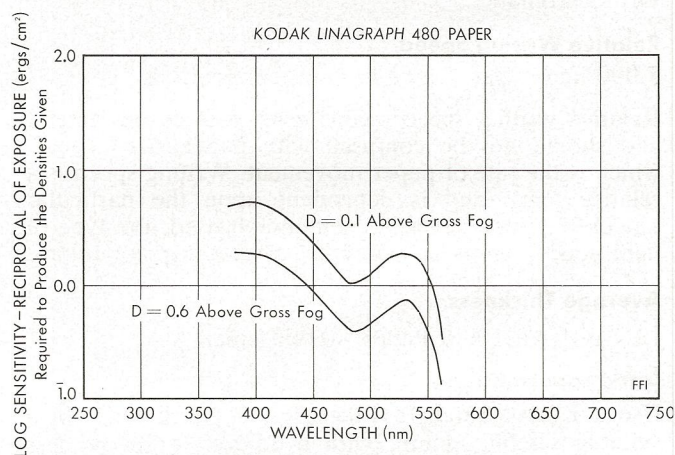
Description of Specification (Sp) Numbers

- 1: Emulsion in, on 1 1/8-inch i.d. strawboard core.
- 2: Same Sp 1, but emulsion out.
- 109: Emulsion in, on 2 1/4-inch i.d. strawboard core.
- 287: Emulsion out, on core 14 (3-inch i.d.). Punch mark 10 feet from core end. Paper not attached to core.

Characteristic Curve



Spectral Sensitivity Curve



3 1254 03040 8336

For additional information, write to  
INSTRUMENTATION PRODUCTS SALES

**EASTMAN KODAK COMPANY • ROCHESTER, NEW YORK 14650**

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7-70 Minor Revision-D

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