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## KODAK 400

# Kodak Ultramax 400 Color Negative Film User Manual

Model: 400 | Brand: KODAK

## 1. INTRODUCTION

This manual provides essential information for the proper use and care of your Kodak Ultramax 400 Color Negative Film. This product includes two rolls of Kodak Ultramax 400 ASA 24-exposure 35mm film, designed for versatile photographic applications.

## 2. PRODUCT FEATURES

- **Maximum Versatility:** Designed for excellent performance in various lighting conditions, from bright sunlight to low light, suitable for both action and still photography.
- **Film Type:** Produces clear, vibrant pictures with ISO 400-speed color print film.
- **Improved Color Reproduction:** Delivers bright, vibrant prints and consistent color under most lighting conditions.
- **Excellent Sharpness and Fine Grain:** Ensures high-quality pictures that maintain detail even when enlarged.
- **Bundle Includes:** Two Kodak GC/UltraMax 400 Color Negative Film (35mm Roll Film, 24 Exposures).

## 3. SETUP AND LOADING

Proper film loading is crucial for successful photography. Refer to your camera's instruction manual for specific loading procedures. General steps include:

1. **Open Camera Back:** In a dimly lit area, open the back cover of your 35mm film camera.
2. **Insert Film Cartridge:** Place the Kodak Ultramax 400 film cartridge into the film chamber on the left side of the camera.
3. **Pull Leader:** Pull the film leader across to the take-up spool on the right side of the camera. Ensure the perforations align with the sprockets.
4. **Secure Film:** Insert the film leader into the slot or hook on the take-up spool and wind slightly to ensure it is securely attached.

5. **Close Camera Back:** Carefully close the camera back.
6. **Advance Film:** Advance the film by winding the film advance lever (or using the motor drive) and pressing the shutter button until the frame counter shows "1". This ensures the exposed leader is wound and fresh film is ready for the first shot.



Figure 3.1: Kodak Ultramax 400 Film Packaging. Each box contains one roll of 35mm film.

#### 4. OPERATING INSTRUCTIONS

Kodak Ultramax 400 is a versatile film suitable for a wide range of photographic situations. Its ISO 400 speed makes it ideal for general purpose photography, including:

- **Daylight Photography:** Excellent for outdoor scenes, landscapes, and portraits in good lighting.
- **Low Light Conditions:** The ISO 400 speed provides flexibility for shooting indoors or in overcast conditions without flash, or with reduced flash power.
- **Action Shots:** Higher film speed allows for faster shutter speeds, reducing blur in moving subjects.

Ensure your camera's ISO setting is set to 400 when using this film for accurate exposure. If your camera has automatic exposure, it will typically read the DX code on the film canister and set the ISO automatically.



Figure 4.1: Angled view of Kodak Ultramax 400 Film boxes, highlighting the branding and film type.

## 5. MAINTENANCE AND STORAGE

To ensure the longevity and quality of your film, follow these maintenance and storage guidelines:

- **Unexposed Film:** Store unexposed film in a cool, dry place, ideally in its original sealed packaging. Refrigeration (not freezing) can extend shelf life, but allow film to reach room temperature before use to prevent condensation.
- **Exposed Film:** Develop exposed film as soon as possible after shooting. Do not leave exposed film in the camera for extended periods, especially in warm or humid conditions.
- **Avoid Extreme Conditions:** Protect film from high temperatures, direct sunlight, and high humidity, which can degrade image quality.

## 6. TROUBLESHOOTING

If you encounter issues with your film, consider the following common problems and solutions:

Problem	Possible Cause	Solution
<b>Blank or Underexposed Images</b>	Incorrect camera settings (shutter speed, aperture, ISO), insufficient light, film not properly loaded/advanced.	Ensure camera ISO is set to 400. Check light meter readings. Verify film is correctly loaded and advancing. Use flash in low light if necessary.
<b>Overexposed Images</b>	Too much light, incorrect camera settings (too slow shutter speed, too wide aperture).	Adjust camera settings for appropriate exposure. Use neutral density filters in very bright conditions.
<b>Color Shifts or Fading</b>	Improper storage (heat, humidity), expired film, issues during development.	Store film in cool, dry conditions. Check film expiration date. Consult your film lab if development issues are suspected.
<b>Light Leaks on Images</b>	Faulty camera seals, camera back not fully closed.	Inspect camera for light leaks, especially around the film door. Ensure camera back is securely closed.

## 7. SPECIFICATIONS

Feature	Detail
<b>Brand</b>	KODAK
<b>Model Name</b>	Ultramax
<b>Item Model Number</b>	400
<b>Film Color</b>	Colored
<b>Film Format Type</b>	135 (35mm)
<b>Exposures per Roll</b>	24
<b>Product Dimensions</b>	6 x 4.5 x 2 inches
<b>Item Weight</b>	2.08 ounces
<b>Date First Available</b>	September 3, 2015

## 8. WARRANTY AND SUPPORT

For specific warranty information or technical support regarding Kodak Ultramax 400 film, please refer to the official KODAK website or contact KODAK customer service directly. Keep your purchase receipt for any warranty claims.

