

PRODUCT INFORMATION

April, 2001

FUJICOLOR PORTRAIT FILM NPZ 800 PROFESSIONAL [NPZ]

1. INTRODUCTION

FUJICOLOR PORTRAIT FILM NPZ 800 PROFESSIONAL [NPZ] is a high-speed ISO 800 color negative film that is especially suitable for portrait, wedding and fashion photography. By incorporating the 4th Color Layer Technology and the Fine Σ (Sigma) Technology, this film produces vibrant colors with high fidelity, and smooth textures with little evidence of grain. It also boasts wide exposure latitude and excellent grays.

2. FEATURES

(1) High Sensitivity

The film's high ISO 800 speed rating assures fine results even under low-light conditions.

(2) Faithful Skin Tone Reproduction with High Contrast

This film produces natural skin tones even under overly flat lighting. Furthermore, it produces portraits with good image depth and fidelity and natural, true-to-life skin tones even in dark, low-light situation.

(3) Wide Light Source Latitude

A fourth color-sensitive layer is incorporated to enable the reproduction of desired images even under a mixed light source of natural light, fluorescent light and tungsten light, allowing the film to be used under varied and complex conditions.

(4) Excellent Textural Depiction

This film produces excellent, almost grain-free textures, regardless of the film's high sensitivity.

3. TECHNOLOGIES INCORPORATED IN FUJICOLOR PORTRAIT FILM NPZ 800 PROFESSIONAL

(1) 4th Color Layer Technology

This film incorporates a fourth color-sensitive layer in addition to the conventional three RGB-sensitive layers in order to reproduce colors as they are perceived by the human eye. The optimized spec-

tral characteristics of this film enable the rendition of natural colors even for photographs taken under fluorescent lights or mixed light sources.

(2) New Optimized Interlayer Effect Technology

The control provided by the new optimized interlayer effect technology incorporated in this film makes possible faithful color reproduction, superbly vivid skin tones, and highly consistent gradation that is smoothly continuous from the highlights to the shadows whatever the situation.

(3) Fine Σ (Sigma) Technology

Fine Σ (Sigma) Technology provides a new thin, flat grain structure that effectively increases the overall surface area of the small-volume silver halide crystals, producing higher uniformity among silver halide crystal clusters and making possible the attainment of high film speed without any noticeable increase in grain size. The result is a film that produces excellent textures, regardless of the film's high ISO 800 speed rating.

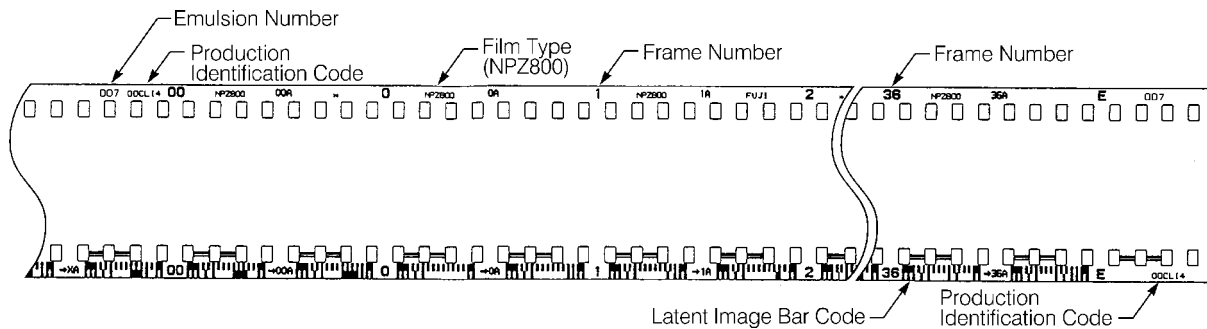
4. SPECIFICATIONS, PACKAGING AND IDENTIFICATION

(1) Specifications

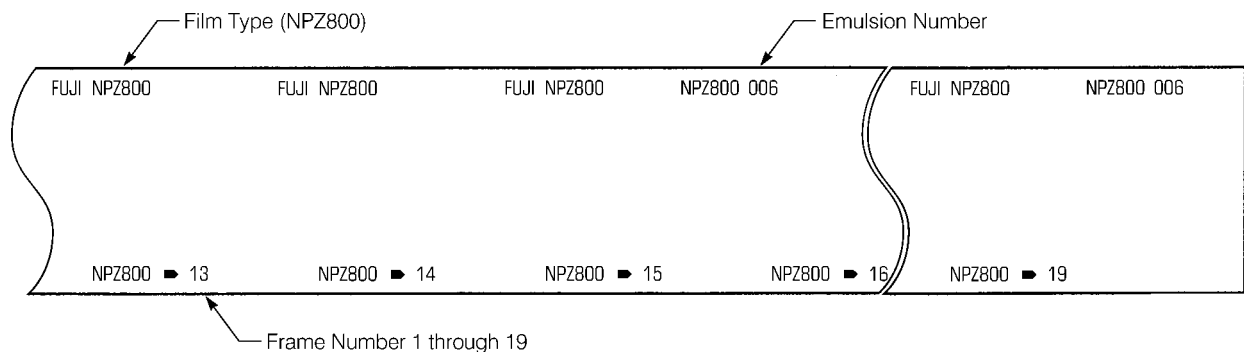
Item	Code	Type	Speed	Process	Sizes	Emulsion Number
FUJICOLOR PORTRAIT FILM NPZ 800 PROFESSIONAL	NPZ	Daylight	ISO 800/30°	C-41 or CN-16	Rolls: 135 36-exp. 120 220	#007 – #006 –

(2) Edge Markings

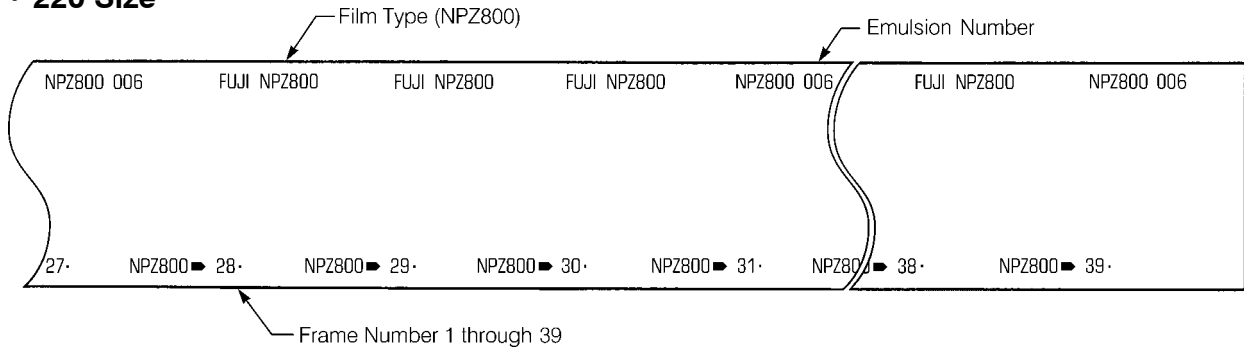
• 135 Size






• 120 Size


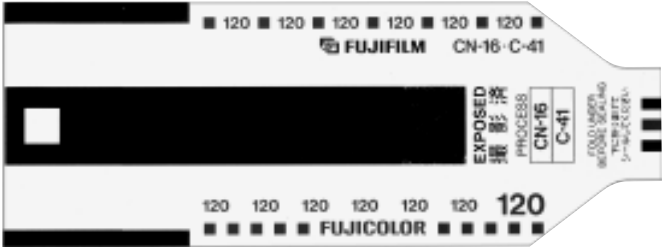





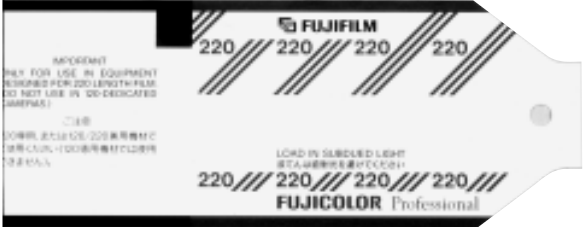



• **220 Size**



(3) Packaging and Identification

Size	Item	Contents
135	Film Box	
	Cartridge	
120	Film Box	

Size	Item	Contents
120	Backing Paper	<p data-bbox="895 257 1129 285"><Before Exposure></p>  <p data-bbox="906 612 1118 640"><After Exposure></p> 
	Seal	 <p data-bbox="874 1178 986 1206">← Top Seal</p> <p data-bbox="1251 1187 1362 1215">← End Seal</p>
	Envelope	

Size	Item	Contents
220	Film Box	
	Backing Paper	<p data-bbox="900 640 1134 672"><Before Exposure></p>  <p data-bbox="900 932 1118 963"><After Exposure></p> 
	Seal	
	Envelope	

5. PROCESSING

The new FUJICOLOR PORTRAIT FILM NPZ 800 PROFESSIONAL is designed for standard C-41, CN-16 or equivalent processing.

6. PRINTING

This film can be printed on materials made by Fujifilm such as FUJICOLOR Professional Papers for prints, and FUJITRANS CRYSTAL ARCHIVE DISPLAY MATERIAL for display transparencies and on other manufacturers' materials.

7. RETOUCHING

120/220 NPZ negatives can be retouched on both base and emulsion surfaces. Retouching characteristics are similar to those of other professional color negative films.

8. NEGATIVE EXPOSURE EVALUATION

NPZ 800 exposure results can be accurately predicted by using an electronic densitometer equipped with Status M filters. An 18% gray card, receiving the same illumination as the subject, when read through the RED filter should render density readings between 0.70 and 0.90 (for exposures under recommended lighting and with optimal film processing).

NOTICE The data herein published were derived from materials taken from general production runs. However, as FUJIFILM is constantly upgrading the quality of its products, changes in specifications may occur without prior notice.



FUJI PHOTO FILM CO., LTD.

26-30, Nishiazabu 2-chome, Minato-ku, Tokyo 106-8620, Japan