



## FUJIFILM SILVER HALIDE HOLOGRAPHIC FILM F HL

### PRODUCT DESCRIPTION

FUJIFILM Silver Halide Holographic Film F HL is a panchromatic photosensitive emulsion coated on a TAC (Tri-Acetate Cellulose) base. The material is designed for use with various RGB lasers, including Ruby (694 nm), to produce monochromatic and full colour holograms. Processing characteristics are similar to other holographic films, while quality and consistency are unsurpassed. The film's high sensitivity, ultra fine grain and low noise make FUJIFILM Silver Holographic Film F HL the perfect choice for producing masters as well as reflective or transmissive transfers.

### COLOUR SENSITIVITY

Panchromatic

### GRAIN SIZE

30-40 nm

### RESOLUTION

> 3000 lines/mm

### STRUCTURE

8.7 mil (220  $\mu\text{m}$ ) (sensitised emulsion = 8  $\mu\text{m}$ , Tri-Acetate base = 205  $\mu\text{m}$ , Anti-curl emulsion = 7  $\mu\text{m}$ )

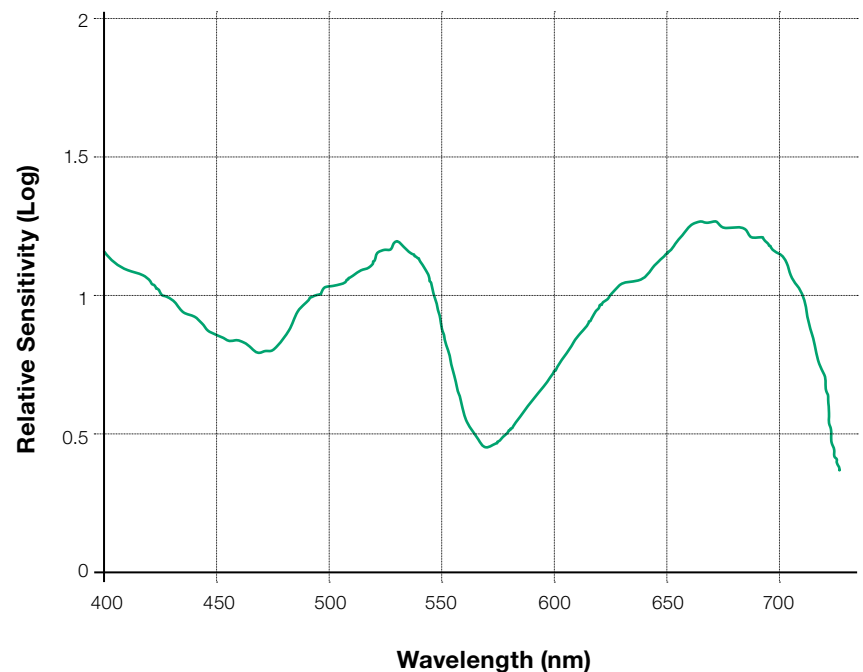
### RECOMMENDED EXPOSURE ENERGY

100-200  $\mu\text{J}/\text{cm}^2$

### DIFFRACTION EFFICIENCY

>45% (CWC2/FeEDTA process)

### SPECTRAL SENSITIVITY





## AVAILABLE PRODUCTS

996 967	F HL-10	30 cm x 40 cm	10 sheets
996 983	F HL-10	50 cm x 60 cm	10 sheets
996 975	F HL-50	30 cm x 40 cm	50 sheets
996 991	F HL-50	50 cm x 60 cm	50 sheets
997 171	F HL-R	100 cm x 10 m	1 roll

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## BASE

8 mil (205 µm) TAC (Tri-Acetate Cellulose)

## LASER SUITABILITY

Ruby	694 nm
Krypton	647 nm
Helium-Neon	633 nm
Nd-YAG	532 nm
Argon	515, 488 & 477 nm
Helium-Cadmium	442 nm

## EMULSION IDENTIFICATION

Notch in upper right corner when emulsion faces up.



## SAFE LIGHT

Dark Amber (560-590 nm) {e.g. Kodak No.13}

## RECOMMENDED PROCESSING CHEMICALS

Developer	CW-C2	(20°C 3 min-4 min)
Bleach	Ferric EDTA	(20°C until film clears)
Wash	Water	(20°C 3 min-4 min)

A final rinse consisting of water with a wetting agent may be used to aid drying (20°C 30s).

## HANDLING RECOMMENDATIONS

Use gloves when handling film.

Before finishing, allow approximately 24 hours for stabilisation.

## SHELF LIFE

12 months if stored unopened at or below 4°C.

## STORAGE & USE RECOMMENDATIONS

Product should be stored under cool, dry conditions in its original packaging.

Temperature:	10-30°C
Relative humidity:	20-80%

Information is provided as a guide only. Product may be modified without notice.

Do you want to know more? We would be glad to inform you: [www.fujifilm.eu/feb](http://www.fujifilm.eu/feb)

# FUJIFILM

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