



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for POLAROID T-665. You'll find the answers to all your questions on the POLAROID T-665 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual POLAROID T-665**  
**User guide POLAROID T-665**  
**Operating instructions POLAROID T-665**  
**Instructions for use POLAROID T-665**  
**Instruction manual POLAROID T-665**

**Film Data Sheet**  
**T-665 Positive/Negative**  
**Black & White Pack Film**



**Film Speed**  
ISO 80/DIN 20

**Format**  
3 1/4 x 4 1/4 in. (8.5 x 10.8 cm)  
Pack Film

**Image Area**  
2 7/8 x 3 3/4 in. (7.3 x 9.5 cm)

**Finish**  
Glossy

**Exposures per Unit**  
10 frames/box

**Development Time**  
30 seconds at 65°F and above

**Description**

Medium-speed, medium-contrast, fine-grain film which produces high quality black and white prints and negatives suitable for enlarging.

**Key Applications**

- Old time photography
- Portraits
- Professional photography proofing

**Compatible Hardware**

- Cameras or instruments with CB-103 Back or OEM CB-100 Back (these holders are supplied by medium format camera manufacturers such as Mamiya, Hasselblad and Konica)
- Polaroid Model 405 Film Holder
- 609SE
- ProPack
- MP-4+ Camera

**Special Treatment**

Requires print coating the positive and clearing the negative. To clear the negative for reuse, immerse it in a sodium sulfite clearing bath immediately after development. Sodium sulfite powder is readily available from professional photographic supply dealers and chemical supply houses.

**Mix in the following proportions:**

Warm water: 2 liter or 70 fl. oz.  
Sodium sulfite powder: 440 grams or 16 oz. (weight) (anhydrous/desiccated)

Slowly add the powder to the water; stir continuously until all powder is dissolved. Allow to cool to approximately 70°F (21°C) before using. Store the solution in brown, well-stoppered bottles or in a tank with a floating lid.

**To prevent scratches:**

Negative scratch resistance can be improved by treating the processed negative (after clearing in water and sodium sulfite) in a solution of Kodak Rapid Fix with Hardener (parts A & B) for two minutes. This solution should be made up and used in accordance with Kodak's recommended mix procedures, chemical caution statements, wash times and temperatures.

**Caution**

This film uses a small amount of caustic paste. If any paste appears, avoid contact with skin, eyes and mouth and keep away from children and animals. If you get some paste on your skin, wipe it off immediately, then wash with water to avoid an alkali burn. If eye contact occurs, quickly wash the area with plenty of water and see a doctor. Keep discarded materials away from children, animals, clothing and furniture.

**Limited Warranty**

See information on the film box.

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**Manual abstract:**

ASH ILOP Key Applications Film Speed ISO 80/DIN 20 · Old time photography · Portraits · Professional photography proofing Compatible Hardware · Cameras or instruments with CB-103 Back or OEM CB-100 Back (these holders are supplied by medium format camera manufacturers such as Mamiya, Hasselblad and Konica) · Polaroid Model 405 Film Holder · 600SE · ProPack · MP-4+ Camera Format 3 1/4 x 4 1/4 in. (8.5 x 10.8 cm) Pack Film Special Treatment Requires print coating the positive and clearing the negative. To clear the negative for reuse, immerse it in a sodium sulfite clearing bath immediately after development. @ Mix in the following proportions: Warm water: 2 liter or 70 fl. oz. Sodium sulfite powder: 440 grams or 16 oz. (weight) (anhydrous/desiccated) Image Area 27/8 x 33/4 in. @@ Allow to cool to approximately 700F(210C) before using.

@@@ Caution This film uses a small amount of caustic paste. If any paste appears, avoid contact with skin, eyes and mouth and keep away from children and animals. If you get some paste on your skin, wipe it off immediately, then wash with water to avoid an alkali burn. If eye contact occurs, quickly wash the area with plenty of water and see a doctor. Keep discarded materials away from children, animals, clothing and furniture.

Limited Warranty See information on the film box. "Polaroid" and "ProPack" are trademarks of Polaroid Corporation, Waltham, MA 02451 USA. All other product names may be the property of their respective owners. Film Data Sheet Technical Data T-85, T-665 (positive/negative) Instant B&W Peel-Apart Pack

Film The information below represents the typical performance of Polaroid's T-665 black and white peel-apart film. Specific film lots may vary. Recommended speed (ISO) Recommended processing time and temperature Resolution (1000:1) 80 / 20o Characteristic H&D curve for normal, hot and cold development 3 5 5 o F/13o C 30 sec. at 70oF/21oC 13 - 16 line pairs/mm (print) 160 - 180 line pairs/mm (negative) 7 0 o F/21o C 9 5 o F/35o C Contrast Spectral sensitivity Medium Panchromatic Sample Density 2 Pos. Processing time and temperature For best results process at temperatures above 60oF(16oC). o o Neg. 1 F C T ime in seconds 30 30 30 30 40 60 85+ 75 70 65 60 50 29+ 24 21 18 15 10 0 -3 -2 -1 Relative Log Exposure -0 Filter factors Filter no. Light source at 3200oK - Tungsten Aperture adjustment (f-stops) Filter factor (exposure multiplier) Light source at 5500oK - Daylight Aperture adjustment (f-stops) Filter factor (exposure multiplier) 6 1/2 8 2/3 At 70o F/21o C: D-Max = 1.90(P) 1.42(N) 15 1 25 2 1/2 47 3 2/3 58 3 D-Min = .10(P) .23(N) Slope = 1.

40(P) .70(N) D-Max: The density value for the film's darkest black. D-Min: The lowest density value that a film exhibits. In prints, the whiteness of the brightest highlight, relative to the unprocessed print. Slope: The positive ratio of the log E increments of the straight line region of the curve, as determined by the 1/4-3/4 increment method. @ Swelling can cause reticulation which would remain after the negative dries. @ Ingredients Metric 2.0 liters 440 grams U.S. 70 fl.

oz. 16 oz. @ Preparation of the 18% sodium sulfite solution @ Mix in the following proportion: - Warm water 2 liters 70 oz. (fluid) - Sodium sulfite powder 440 grams 16 oz. @ Allow the solution to cool to approx.

70°F (21°C) before using. @ If that is not possible, extend the development time. @ Below 65°F (18°C), develop longer, as shown in the chart. At the lower temperatures, the speed of the negative will be reduced. @ Development below 50°F (10°C) is not recommended.

@ 40 sec. 60 sec. Preparation of the negative for printing Important: To avoid film damage, all solutions and wash water should be nearly the same temperature, ideally 6575°F (1824°C), when in use. Clear negative: Immerse negative in sulfite solution and agitate gently for 3060 seconds or longer, if desired. The solution can be used in trays (with emulsion side up), or in deep film tanks. Put each negative through individually or use clip-type film hangers such as the Kodak #6 hanger. Insert each negative carefully and keep the negatives from touching each other. Remove tabs and back coat material. Negative must be cleared of residual developer layer and opaque backcoat. Negative may remain in solution up to 72 hours.

Note: Do not use conventional fixer as a substitute for sodium sulfite as it will not remove the opacity layer from the negative. For information on treatment of the negative in the field, contact the Polaroid office nearest you. Temporary storage in water: If you do not have immediate access to sodium sulfite, you can safely store developed negatives in water (about 70°F/21°C) for a short time. While negatives are in water, handle them carefully and do not attempt to rub off the developer layer. As soon as you can do so, treat the negatives in a sodium sulfite bath in the normal way. Wash negative: Wash for 5 minutes in running water. For urgent use, 30 seconds will do; rewash later for permanence. @ Excessive washing may weaken the emulsion. @ Follow manufacturer's instructions for use. @ Do not dry with excessive heat.

Avoid dusty areas. @ Use the print coater packed in the plastic tube. Keep freshly coated prints separate from each other until they are thoroughly dry. Keep the coater fluid away from skin, clothing, furniture. Type 665 Polaroid Positive/Negative Black & White Instant Pack Film 1 2 3 Peel print off in a swift, continuous motion.

Holding negative top tab, tear off leader just below pod (a) and discard. Holding negative by top tab, remove paper mask from negative and discard. 4 5 6 Agitate negative gently in sulfite 30-60 sec., or store in solution. Remove from sulfite, pull off top tab and black backcoat (b); inspect negative. Pull off bottom tab (c); store negative in sulfite or go to finishing process. .



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