

TETENAL

PRODUKT DESCRIPTION

TETENAL C-41 TABS, item number 105531, have been designed for the type-specific development of C-41 compatible color negative films in tilt and rotary processing at 38°C.

The "TAB technology" has resulted in the easiest handling for users to date: One tablet of color developer and two tablets of bleach fixer are sufficient for developing a color negative film.

- The tablets have an exceptionally long shelf life.
- Regardless of whether development is frequent or more sporadic: The working solutions prepared from the tablets are always "fresh".
- Precise measuring of liquid concentrates is no longer necessary. This also eliminates possible preparation errors.
- The tablets dissolve quickly. If warm water is used as recommended, one is "ready for use" after a very short time.
- The small package is easy to transport or store.

CONFECTION

TETENAL C-41 TABS is made up for 8 films.

Color Developer CD	8 tablets	For each 150 ml working solution
Bleach Fixer BX part A	8 tablets	For each 150 ml working solution
Bleach Fixer BX part A	8 tablets	

YIELD

From the 8 tablet sets of a pack, 8 x 150 ml working solutions can be prepared. This results in a yield of 8 films:

- a) for rotation development for one film with 150 ml working solution each
- b) in the case of tipping development for a film with 300 ml working solution each and using the solutions twice

HINT:

Of course, the solutions can also be used a second time. The yield can be doubled in this way. The times for CD and BX are then only extended by half a minute.

TETENAL 1847 GmbH
SCHÜTZENWALL 39 A
D- 22844 NORDERSTEDT

www.tetenal.com


MADE IN GERMANY
PRODUCED IN NORDERSTEDT

TETENAL

In case you want to use the working solutions a second time, they should be stored in optimally filled containers with the smallest possible air reservoir for your protection against oxidation.

APPLICATION

APPROACH

The tablets should and can be dissolved in conventional hot water from the tap (approx. 45° C) without hesitation. This has two advantages:

- 1) The tablets dissolve quickly
- 2) The processing temperature of 38°C is quickly reached



Color Developer CD	150ml	1 CD	dissolve
Bleach Fixer BX A+B	150ml	2 BX (1 x part A + 1 x part B)	dissolve

PROCESSING

ROTARY AND TILT PROCESSING: STANDARD DEVELOPMENT AT 38° C

Stage	Temperature	first film	second film
Preheating the developer tank	38°C	5:00 min.	5:00 min.
Colour developing process	38°C	4:00 min.	4:30 min.
Bleach fixing process	38°C	6:00 min.	6:30 min.
Final watering	30 – 38°C	4:00 min.	4:00 min.

NOTES ON THE PROCESSING STAGES

- Watering can be done both with running water and with repeated water changes every 30 seconds.
- For final preservation of the films after washing, we recommend the TETENAL product "Mirasol 2000 Antistatic" stabilizing bath, article number 101080.
- Stabilization can also occur days later.

TETENAL 1847 GmbH
SCHÜTZENWALL 39 A
D- 22844 NORDERSTEDT

www.tetenal.com

MADE IN GERMANY
PRODUCED IN NORDERSTEDT

TETENAL

PUSH DEVELOPMENT AT 38°C

Extend the color development time by 30 seconds per aperture-stop.

GENERAL INFORMATION

- Please adhere to the filling quantity recommended by the manufacturer of the developing tanks.
- After filling with the color developer, briefly open the developer can once to remove the air bubbles adhering to the film.
- In the case of rotary development with a processor, tilt the filled and sealed developer can twice before docking.
- For tilt development, it is important to provide a 38° C water bath. The tilting rhythm of the filled developer can is continuous during the first 30 seconds (can be done well in the water bath), then once every 15 seconds.

DURABILITY

- A freshly prepared color developer has a shelf life of 8 weeks, a once used one 6 weeks.
- Prepared bleach fixer has a shelf life of 8 weeks.
- Optimum shelf life is achieved if the solutions are stored in optimally filled vessels.
- The shelf life is prolonged if the solutions are stored in a cool place.

SAFETY INFORMATION

When handling this product, the usual rules of care for handling chemicals must be observed. Skin and eye contact must be avoided as well as accidental ingestion. Of course, this product must be kept out of reach of children and not stored with food. All storage containers must be clearly labelled.

DISPOSAL

Photochemicals must not be discharged into the public sewer system. Photochemicals that are no longer required or can no longer be used must be taken to municipal collection points or recycling centres, where they are properly disposed of in accordance with the legal regulations.

TETENAL 1847 GmbH
SCHÜTZENWALL 39 A
D- 22844 NORDERSTEDT

www.tetenal.com


MADE IN GERMANY
PRODUCED IN NORDERSTEDT

TETENAL

DIFFERENCES IN RESULTS / PROBLEMS

Error result(s)	Possible reason(s)	Action(s)
Too low color density	Underexposure of the film	Check camera settings
Too low color density and contrast, minimum density (mask) too bright	Underdevelopment, developed too short and/or temperature too low	Extend color development time in 30-second increments, observe processing conditions.
Too high color density	Overexposure of the film	Check camera settings
Too high color density and too high contrast, minimum density (mask) too dark	Overdevelopment, developed too long and/or temperature too high	Reduce color development time in 30-second increments, observe processing conditions.
Color of the mask brownish	Bleach fixation time too short or preparation too thin	Bleach-fix and water the film again.
Grayish streaks and areas after watering	Insufficient bleach fixation, uneven wetting of the film	Bleach-fix and water the film again.
Whitish small spots on the dry film	Lime stains, preparation water is too hard	Use of a stabilizing bath prepared with dematerialized water (also possible afterwards).
Mask color not typical, minimum densities too high but maximum densities too low	Color developer is contaminated with bleach fixer.	New approach of the color developer