



FOMAPAN 100/ FOMAPAN 400
black & white negative Im type 135/36
5x Im on spool + 1x Im in a plastic cartridge
Black & white negative Ims with medium and higher optical sensitivity

Content of the package:

- 6 pieces of light impervious black containers
- 5 containers containing 5 pcs of the perforated 35 mm Ims of FOMAPAN 100/400, type 135-36; way of packing: Im wound around standard central spool **without cartridge**, secured against unrolling by a flexible rubber band.
- 1 container containing 1 piece of the perforated 35 mm Im of FOMAPAN 100/400, type 135-36; way of packing: Im wound around standard center spool **in a plastic cartridge** for multiple use (easy disassembly and assembly by top closure - screw cap); **the Im with this cartridge is possible to use immediately for shooting**, or insert into chamber of any type of camera.

Indication of correct distinguishing of the Ims' packing

- 1) The Ims nished without cartridges (5 pcs) are placed in safe rm packages - black containers marked with a label showing the characteristics of Im's type. **ATTENTION: – the Im can be removed from this container in total darkness only!**
- 2) The Im nished with cartridge (1 pc) is placed in the same black container as all other Ims, also marked with the identical label with the characteristics of Im's type, additionally marked with yellow dot on the cap.

Procedure for handling of the Ims on spool without cartridge

- 1) Prepare suitable space that is completely protected from lighting (complete darkness): **a - interior:** a dark room or a place that can be completely darkened **b - exterior:** light-proof sleeve ("bag"), etc.
This set does not contain any empty cartridge but cartridge with Im – that is why this has to be used rst before using of the Ims on spools without cartridges.
- 2) In common lighting conditions (but not direct sunlight): open the container with the Im and the cartridge (marked with the yellow dot on the cap) and then insert it into camera and expose it. After completing the shooting and rewinding the Im back, remove the Im from the cartridge in complete darkness after unscrewing its top cap. Still in the dark, transfer the Im to the light - tight container, in which the Im was placed. This empties the cartridge in which this Im was placed, making it ready for next use, i.e. loading another Im on the center spool.
- 3) In complete darkness open the container with another Im - without the cartridge and remove the Im from it. Then carefully remove the rubber band from the Im's roll and still in the dark insert the Im in correct way ** into the prepared, open, empty cartridge in which the exposed rst Im was placed previously. Then screw the cartridge tightly with the cap. After that, you can handle with it as with the Im with cartridge.

****Check the right orientation when loading the Im: higher protrusion of the cartridge front (can be recognized by touch) must protrude from upper part of the cartridge, i.e. above its removable cap.**

In case of intention to use more pieces of the Ims for continuous taking photos indoors and especially outdoors, complete darkness is not a necessary condition when handling the Ims during photography process, and this is in case of availability of the additional Ims' cartridges of type 135 suitable for this purpose. So it is possible even before photographing, insert all these Ims safely in the darkroom and close them light-tight in these cartridges and then expose them to common lighting as the rst Im in the cartridge of this set.

Important Notice

Due to way of handling of the Im's cartridge and its repeated use, we recommend using this cartridge only for the stated quantity - 6 pieces of the Ims in this set. For the same reason, we recommend, especially for the 4th to 6th inserted Im in the identical cartridge, to expose the Im from the 3rd frame only. This eliminates or signi cantly reduces risk of exposing the Im, or unwanted local blackening of the exposed and developed images' frames.

Films' processing/developing:

Developing Ims in developing tank is recommended. **When processing Ims in photo lab, operators need to be alert to the absence of the Im's cartridge!**

DEVELOPER	FOMAPAN 100 / developing time (min) at 20 °C	FOMAPAN 400 / developing time (min) at 20 °C
Fomadon LQN (1+10)	7-8	9-10
Fomadon LQR (1+10)	5-6	7-8
Fomadon R09 (1+50)	9	12
Fomadon P	7-8	10-11
Fomadon Excel	5-6	7
Universal Developer (1+3)	5	7,5

Fixing: Foma x P 10 min, Rapid Fixer - Foma x 3 min at 20 °C

Washing: with running water 30 minutes at wash water temperature under 15°C or 15 minutes at wash water temperature higher than 15°C Stored in dry place at the temperature of 5-25°C. The exposed Im should be developed as soon as possible.