

Loading 35mm Film With 1501 or 2502 Reels

Introduction

Follow these instructions to load the 1501 or 2502 reels with 35 mm film.

Procedure

Prepare the reel



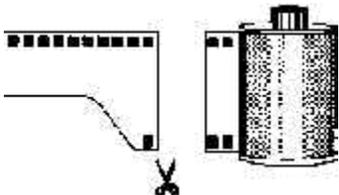
Be sure that the reel is clean, dry and assembled (two halves put together). Remove the red tab (see illustration, left) from the reel. This tab is only used with 120 roll film loading (two rolls on the reel). Be sure that the reel is set for 35 mm width film. To set the reel for 35 mm film, twist the reel counterclockwise past a resistance and collapse the reel to its minimum width. Twist the reel in the opposite direction until it goes past a resistance. The reel will turn about one eighth rotation for loading.

Remove the film from the can

Almost all 35 mm film cans are 'staked' with a crimped seal on the end caps. To open the cartridge, use a bottle opener (rounded end of a bottle and can opener). Pry off the upper cap of the cartridge (the upper end is the side with the shorter portion of the spool protruding, and is facing up when loaded in most camera backs) surrounding the shorter of the two posts protruding from the barrel of the cartridge. Discard the cap. Push on the longer post and gently remove the spool from the cartridge body. Discard the barrel.

If your camera allows the film tongue to remain outside of the cartridge after rewinding, you may wish to do so. The end of the film could be trimmed in the light. The cartridge would not need to be opened, as the film could be pulled from the cartridge during loading. Be sure to have a method of identifying exposed from unexposed film if you do this, i.e., marking, folding, or tearing the tongue.

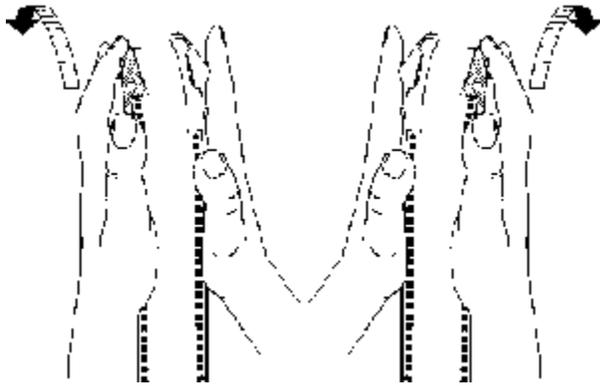
Prepare the film



The film will be coiled around the spool. Hold the spool so the film does not unravel. Locate the tongue of the film (narrower lead end). Carefully trim the film just behind the tongue. Cut straight

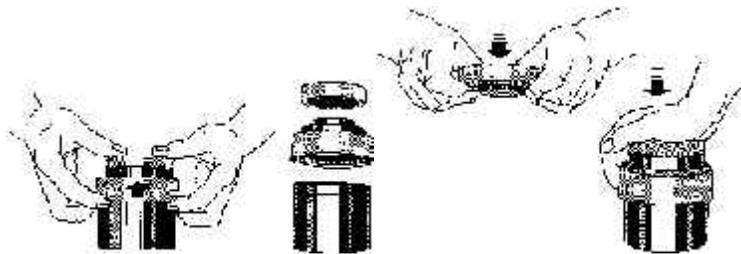
across the film. Then round slightly the corners of the film. The rounding should be about 1/4" (6 mm) or less. You may find fingernail clippers useful for rounding the film end.

Load the film



Locate the open end of the spiral on the reel. Push the film into the opening on the reel. The emulsion side of the film (inside of the film's natural curl) should be facing toward the center of the reel. Check to see that the film is going onto the reel smoothly. Unwind a length of film about 6" (150 mm). With the reel held in both hands, alternate rocking the reel back and forth with your fingers gently placed on the film back on alternating sides. Walk the film onto the reel. Alternatively, you may shove the film onto the reel, pushing it until you feel resistance (then walk the film into the reel). As you move the film onto the reel, make sure the film is not tangled below the reel. Continue walking the film onto the reel until you are at the end of the roll. Cut the film from the spool at the end of the roll. Continue walking the film onto the reel until the end is fully into the reel.

Loading the tank



Place the loaded reel on the center core. If you are using a multiple reel tank, and are not going to fill the tank with loaded reels, place empty reel(s) on top of the loaded reels, filling the center core with the maximum capacity of reels. This helps assure the chemical flow will be even and the level will be high enough. Place the center core with reels into the tank. Twist the center core slightly to assure that the center core is seated in the tank as far down as it will go. Place the lid on the tank. Press down firmly on the lid. Pull down the red locking ring of the lid. Check for proper seating of the lid by twisting the lid and tank body. If the lid moves (without a strong effort) the lid is not fully seated. Lift the locking ring and try again.

Completion

Verify that all film has been loaded onto reels, the reels are all placed in the tank and the tank lid is secure. If all the film is in the sealed tank, you may turn on the lights. The rest of the processing procedure may be done in the light.