FPP BASIC 620 BW FILM* / BW Negative / 100 iso / 1-roll This BW panchromatic film is perfect for your Brownie or other "box type" 620 camera. Get out your 620 film camera and start shooting! *The 620 Film Spool - Our 620 Film is hand-rolled onto a new FPP mold-injected plastic, re-usable 620 film spool. Our FPP 620 Spool is mold injected and is just a fraction thicker than vintage metal spools due to the fabrication requirements. Our spool will be snug in 1% of 620 cameras. It will loosen with repeated use (if you re-use your spool or can be easily sanded down with a piece of sandpaper.) This product is sold without warranty. All sales are final. Due to the age of vintage cameras your results are not guaranteed. How many shots per roll? 620 film (like 120 film) has numbers imprinted on the backing paper. Number of exposures (8, 12 or 16) determined by what type of camera you have. Please consult your camera manual as to how many exposures you will get per roll as well as how to load film. Don't have a camera manual? Visit Butkus Camera Manuals. Mike offers most camera manuals for 620 cameras. Light leaks - Vintage camera the age of 620 cameras are prone to light leaks. Best to tape up the seams around the film compartment with light tight tape. Light leaks can also occur if your camera does not wind the film tightly onto your take-up spool. This is known as a "Fat Roll". Also, when handling your film - always store your exposed film in its black bag or snap case. Developing Info:You can process yourself or send it out to our fav lab TheDarkroom.com! Kodak D76 - Stock Solution / 68° Fahrenheit / 6-7 min Kodak D76 - 1+1 / 68° Fahrenheit / 10 min FPP D96 - Stock solution / 68° Fahrenheit / 7 minutes Kodak HC-110 - Dilution B / 68° Fahrenheit / 6 minutes or Dilution H (1+63) for 12 minutes Kodak X-Tol - Stock solution / 68° Fahrenheit / 5-6 minutes Kodak Xtol 1+1 / 68° Fahrenheit / 8 minutes Sprint Standard - Dilution 1-9 / 8.5 minutes / 68° Fahrenheit Rodinal / PyroCat - Download Chart HERE (WeTransfer Link) If you are using ILFORD chemistry, you can find the Kodak name by using this chart - Iford uses Kodak formulas. Find the Kodak name and use the info above. In today's world of Instagram and all the Hipster filters most people forgot what really started it all.Brownies, no not the type you put in your mouth... Back around 1900 Kodak wanted to produce a cheap camera for people to use for everyday snapshots. They produced millions of Brownies however one of the most popular Brownies ever made was in the 1950's and that was the Brownie Hawkeye (Flash)Today you can find these in Thrift Stores, Yard Sales and on eBay very cheap. Many people saved them thinking that one day they would be worth money. Only problem with that was Kodak made so many, millions of them, so the value of these old cameras never materialized. For those of us that like these old cameras or those of you that want to play with them, this is good news.The Brownie Hawkeye takes 620 film, unfortunately no one makes 620 anymore. However, all is not lost. Kodak, Fuji and many others still produce 120 film in color and black and white. With a tiny bit of work, you can use 120 film in your Hawkeye.120 & 620 film are exactly the same film, nothing is different between them other than the spools the film is placed on.The other thing different about the spools is the holes on the ends. The 620 spool has smaller holes. So when you use your modified 120 film in the Hawkeye, make sure you have an original empty 620 film spool as your take up spool. Most of these old Brownies still have a empty 620 spool in them, if not you can get them cheap on eBay.Now onto the modifications... You don't need much, just some sandpaper and fingernail clippers, and of course a roll of 120 film.Trim off the lip from the ends of the roll of 120...after that, take your sandpaper and sand both ends of roll to make the 120 roll the same height as the empty 620 spool you have. That's it, you are ready to load the film and start taking pics with the Brownie Hawkeye.If you are like me, I did not want to have to sand every roll of 120 before using it so I also modified the camera to take the slightly wider 120 spool. This way all I need to do is use nail clippers to trim the lip from the 120 film and it's ready for use in the Brownie.The little metal tab (shown above) is what limits the width of the roll to 620. I trimmed 0.060 from the tab to compensate for the added width of 120 spools. 0.060 is 1/16th of an inch... A quick cut with a pair of wire cutters was all it took.That's it's, film is loaded and ready to go. Things to remember, always use a empty 620 spool on the bottom. If you send your film to a lab for developing, make sure you ask for your spool back, it also won't hurt to tell them that it is a special 620 spool and you want that particular spool back and not just any spool.Most of us want to shoot more than one roll at a time, to do this, prep however many 120 rolls you want before leaving home and make sure you have an equal number of empty 620 spools, again, eBay is a great place to find empty 620 spools.and the results...image shot with the above Brownie Hawkeye camera after conversion.If you need to download the original owners manual, click here for a PDF In-store pricing may vary. All Prices, offers, specifications, and images are subject to change without notice. Not responsible for typographical or illustrative errors. All manufacturer rebates, terms, conditions, and expiration dates are subject to change without notice. *Free shipping items eligible in the contiguous (lower 48) United States only. by Peter Lutz Welcome to the new 8mm Forum! The forum you are looking at is entirely new software. Because there was no good way to import all of the old archived data from the last 20 years on the old software, everyone will need to register for a new account to participate. To access the original forums from 2003-2019 which are now a "read only" status, click on the "FORUM ARCHIVE" link above. Please remember registering with your first and last REAL name is mandatory. This forum is for professionals and fake names are not permitted. To get to the registration page click here. Once the registration has been approved, you will be able to login via the link in the upper right corner of this page. Also, please remember while it is highly encouraged to upload an avatar image to your profile, is not a requirement. If you choose to upload an avatar image, please remember that it IS a requirement that the image must be a clear photo of your face. Thank you! Working... Many older and technologically obsolete cameras can be found in vintage antique shops. And while they may look quirky when displayed on a camera shelf, there isn't an awful lot of use for them in the photography of today. A Kodak "box Brownie" Six-20 Model D camera was recently purchased for AU$20 (about $15 / £11) by Courtney Hart at a local store in Victoria, Australia. When the back of the camera was opened she discovered that a roll of film still lived in it, and she simply had to buy it.• Looking for the best film cameras? You may like 'Found photography' in recent years has become a creative concept and artistic project for many. Singular developed negatives and discarded photographs can be purchased among knick-knacks at a low cost from many second-hand stores, re-telling the lives and stories of those pictured in the anonymously captured photos. (Image credit: Courtney Hart)After realizing her luck in finding the camera, Courtney set out to get the 620 film that was left in the Brownie developed at a film laboratory in Geelong. Although she didn't have much hope, with the film likely to have been sat in the camera for decades, Courtney waited patiently to hear back from the lab."I was just thinking, 'Wow, if there's film in there I really want to see what's on it, I wonder if I'll be able to get any photos from it, I wonder if it's going to be able to be developed,'" she said, (as reported by ABC.net).One of the developed images from Courtney's camera (Image credit: Courtney Hart)Courtney was eventually delivered six images by her email address from the photo lab, the first two consisting of mostly dark smudges, though the rest left her with more puzzling questions. Identifiable real faces could be seen in the shots! But it wasn't entirely clear what the many men pictured were doing or celebrating, especially in such a tropical setting.The best camera deals, reviews, product advice, and unmissable photography news, direct to your inbox!The Kodak Brownie Six-20 was created and sold between 1946 and 1957, but the specific face plate design on Courtney's $20 camera was only a feature on models up to 1953. The brownie is able to capture eight 6x9cm negatives shot on 620 film, that was later discontinued by Kodak in 1995. Interestingly, the lab told Courtney that the camera film she gave them was available between 1939 and the late 1950s, which can be used as a rough estimate as to when these photos may have been captured, if used at the time of purchase. The film could well have been unused until recently before the camera was sold to Courtney's local store, Vinnies in Grovedale, adding to the excitement of the mystery.Image 1 of 1(Image credit: Courtney Hart)Cameras that require 620 film are still useable with regular 120 film, but require various methods such as respooling 120 film onto a 620 spool, or by trimming or sanding the plastic 120 spool to the diameter of a 620 spool to be able to fit inside the camera. Spools for 620 film can also be bought from some suppliers, and occasionally found in old and forgotten 620 cameras if you're as lucky as Courtney - though a person who may be mechanically-inclined could probably attempt to make their own 620 spools.(Image credit: Courtney Hart)Courtney has been on a mission to reunite these photos with their family, sharing the images to Facebook groups across the country in the hope that someone may recognize the men, location or event. Some speculated that the images could be in relation to the Vietnam War, although this has been regarded as unlikely due to the facial hair of the men pictured. Shared on the original Facebook post by Courtney, she mentioned that the price tag from Vinnies said it had been at the shop since 24 March 2022, so the camera had only been sold there recently. If you know anything, please do get in touch with Courtney as it would be remarkable to find out who is in these photos!Read more:Best retro cameras Best camera for film students Best vintage lenses Ever wondered how Kodak film is made? Your guide: Adrian Gray AP reader Adrian is a scientist in the week and at weekends likes to take photos of appropriate subjects with his worryingly large collection of antediluvian cameras. Should you meet a walker in the Lake District toting an ancient folding camera, it's probably him. Box cameras were the mainstay of popular photography from the first Kodak in 1888 into the 1950s. They epitomise no-frills photography with a high ratio of satisfaction to effort expended, and the results can be surprisingly good. For use, my favourite is the Kodak No 2 Brownie. It has a metal tab with three apertures of approximately f/10, f/20 and f/30, so huge depth of field in bright light, and takes No 2 Brownie film – the modern 120, still readily available. If the winder turns and the shutter opens and closes reasonably promptly you will almost certainly get an image. Open the back of your camera, point at a light, and press the shutter. A brief flash of light means all is good and you can use the camera. There are many other options available – Kodak's cardboard Hawkeye range is common, as are the all-metal May Fair camera, the All-Distance Ensign and the Ensign Ful-Vue, with its huge viewfinder, almost four centimetres square, compared to the No 2 Kodak's thumbnail-sized finder. Post-war cameras usually have larger viewfinders and some come complete with pop-up sunshields, a boon in bright conditions. An Ensign Ful-Vue If you want to collect them, the 1920s and 30s saw many manufacturers launch art deco front plates in new materials like chromium. Coronet produced plain metal cameras in Britain but cardboard ones with very attractive and colourful fronts in France, and colours ranged from black to green, brown, red, blue and even silver. Plus, being box shaped, they stack on shelves! A Coronet Consul Which film should I use? Don't use film faster than ISO 100, there are several suitable options on the market. Cover your red window with a piece of black insulating tape, lifting it only to wind your film on having made sure that it is out of direct sunlight, otherwise you may find the film numbers imprinted on your negatives. It is worth cleaning the rollers on the end of the film travels over as any dirt or corrosion may scratch the film. You can also try using colour film. In most box cameras the lens is set well back behind the shutter, so is well-protected from lens flare. Negatives and prints A 6x9cm negative is big enough that a straight contact print serves as a photograph, and can be enlarged to a size that will go on the wall that, unless you pixel peep, will still look good. A Kodak No. 2 Brownie My first photograph ever printed in AP was taken with a 1930s Coronet box camera, so you get a great sense of satisfaction. So how do you get it on that wall? You can still get 120 film developed and printed, less commonly now in the high street, but easily by post. Or you can do it yourself – everything to develop film is still available and negatives can be scanned on a transparency scanner and treated as digital files. If all you want to do is play with your box camera this is a big investment but, if you intend to use film more, you can set up for home developing, scanning and printing for less than the cost of a mid-range DLSR. Loading your box camera Pull out the winding key/knob until it stops. Undo the clip or clips holding the back of the camera. The cone may be attached to the front, it may pull out from the camera body itself, or it may come out sideways. Remove the empty spool from the cone. Take off the hand holding your film's backing paper tight, and insert the loose end into the slot in the spool you have just removed. The backing paper protects the film, so keep it tightly wound. This done, place the spool you have just attached the backing paper to in the slot in the side of the cone where the winder key will sit. Always make sure the backing paper is protecting the film from light. Slowly unroll the film and backing paper, keeping the unrolled film portion tight, until you can get the other spool into the opposite slot to the first one. Insert the cone back into the camera, or slip the camera back over the cone. Push in the winder key, turning gently to align with the slot in the film spool, until it slots home. Turn the winder key (it should only turn in one direction) until the number 1 is visible through the red window. Replace the piece of black tape to prevent light leaking through the red window and your camera is now ready to use. How to use a box camera Almost all box cameras have a waist-level viewfinder – you peer into it from a long way above. Because of the slow shutter speed they are prone to movement blur, so must be held pressed tightly against your body. You will also need to work out your own workflow for winding on as there is no double exposure prevention – always wind on just before you take a photo or just after, but don't forget which you choose! Practise before you actually put a film in it until you can remember all the quirks. They often have a 'flip-flop' shutter that presses down for one exposure and up for the next. Many have a tripod bush that fits a modern tripod, if you can't hold it still enough. Some have a little pull-up tab that holds the shutter open until you press the release a second time, making long exposures or pinhole photography possible. You can use a pair of rubber bands to hold a filter over your lens for things like cloud effects. Many models have a tab with an extra lens that decreases the distance at which the focus is set – these often have 'Portrait' in the model name – and there were push-on accessory lenses doing the same job. Don't expect digital-camera levels of quality from scanned-in film images. It won't be long before you discover film is still available and negatives can be scanned on a transparency scanner and treated as digital files. If all you want to do is play with your box camera this is a big investment but, if you intend to use film more, you can set up for home developing, scanning and printing for less than the cost of a mid-range DLSR. Loading your film...and it's easy! Find film and film processing in:Australia - Canada - Germany - The Netherlands - Spain - United Kingdom - United States The Black-List:Here's the list of places that should be avoided! A company has to really suck to make it into this shameful place. Only companies that I have had personal contact with can make the cut. Let me know of any companies that you believe belong on this list and I will look into them. Let's protect each other from bad companies who steal from us. Australia Analogue Academy Geelong, Victoria A customer says: "Thanks for the awesome service guys! Processing and scanning is CHEAP and done with care and James was a gem to deal with. Plus he made a pretty mean coffee!! Such a groovy little cafe with a great vibe. These guys will definitely be my go to guys for all my film and coffee needs!" Thanks to Emily for the info! FilmNeverDie Melbourne, Victoria Polaroid cameras, lots of different films, reasonable prices, and fantastic service - they LOVE what they do!! Thanks to Carlie for the info! Canada Annex Photo & Digital Imaging Toronto, Ontario, Canada They supply and process film. Thanks to Bryan for the info! Downtown Camera Toronto, Ontario, Canada A good selection of film, chemistry and film processing. Thanks to Claudia for the info! Film Rescue International Fortuna, North Dakota Indian Head, Saskatchewan, Canada I think their name says it all! They seem to offer every possible process. The Frugal Photographer Calgary, Alberta A really good film, battery, and bulb selection. Thanks to Dawn for the info! GPC Labworks Ottawa, Ontario Analog processing includes C-41 - E6 - B&W for 35mm - 120 - 4X5. Thanks to Tim for the info! Lozeau Montreal, Quebec They have film and 110, 126, 120, and 35mm processing. Thanks to Hugo for the info! Sooter's Photography - 1996 Custom Photo Lab 3 locations in Ottawa, Ontario 120 and 35mm B&W and color processing. Thanks to Louanne for the info! Germany FotoImpex Berlin *A city I truly love! Some film and other good stuff. MacoDirect Hamburg-Stapelfeld This is one of the best online companies I've ever dealt with. Incredible selection with professional and courteous service. Netherlands BCG Film & Photography Nijmegen "BCG" stands for Brownie Camera Guy. This is my store serving the film photography community of the EU and beyond! Spain La Shop Las Palmas de Gran Canaria You can either hate them for being in the Canary Islands or get over it and visit them when you need film, impossible instant, and equiptment...after sunbathing and before cocktail hour! InterPhoto Madrid This company comes highly recommended. Thanks to Almudena for the info! United Kingdom Arundel Photographica Arundel Camera and Equipment only Thanks to Mathew D for the info! AG Photographic Birmingham A good selection of analog materials. Thanks to Mathew D for the info! Express Imaging Roath, Cardiff in Wales "Colour and traditional black and white film are all developed and printed on site in Cardiff!" Greenwich Cameras and Film London Order online or buy direct on Tuesdays, Thursdays and Saturdays from 9-6 at the Greenwich Market. Fuji Digital Imaging Service The Photo Hippo Group Burnley, Lancashire Don't let the "Digital Imaging" fool you...these friendly folks will process just about anything in any format, including 110! Prints, CD's, contacts, whatever you want, sent to your door worldwide, at a reasonable price. The Photo Parlour Nottingham Rent a darkroom, take a workshop or send your film in for processing. These people are dedicated to film photography. Thanks to Jake Howe for the info! Retro Photo Supplies Isle of Wight Great film selection including 127 and 620 film. Thanks to Glen Rea for the info! Snaps Photo Services Bournemouth Processing for 35mm and 120 - B&W - C-41(color print) - E6(color transparency) Thanks to Mathew D for the info! United States B&H Photo New York City A very good camera and movie film selection. Additionally, ASK B&H is the direct email program to B&H for assistance. B&W Photo Lab Throughout New England The highest quality B&W processes and printing. Thanks to Rebecca for the info! Blue Moon Camera Portland, Oregon A very good camera and movie film selection. Thanks to Bill Lee for the info! Central Camera Chicago *Since 1899! A very good camera and movie film selection. Thanks to Christine for the URL correction! Cinelab Motion Picture Laboratories New Bedford, Massachusetts Pull those Brownie movie cameras out and start shooting! Thanks to Rebecca for the info! Colortek of Boston Boston, Massachusetts These folks, in my hometown, offer awesome professional services that I have used myself for many jobs. Thanks to Rebecca for the info! The Darkroom San Clemente, California Further These guys look great, voted Best Film Lab, and their prices won't put you in the poorhouse! Thanks to Yoli for the info! Film for Classics Though they have stopped direct sales, their films are available thru B&H Photo and Central Camera. Film Photography Project Possibly the best source for film anywhere with reasonable prices and worldwide shipping! Their selection is just getting better and better. They also offer new 620 spools! These guys have become a fantastic film resource as well. Film Rescue International Fortuna, North Dakota Indian Head, Saskatchewan, Canada I think their name says it all! They seem to offer every possible process. Freestyle Photographic Supplies Hollywood, Califonia 127 film, Holga headquarters, and alot of cool stuff! Main Photo & Imaging Service Orange County, California Odd size film processing and printing. Thanks to John for the info! My Old Camera Sherwood, Arkansas Awesome selection of Super 8mm Film Cartridges. Pac-Lab New York City 8mm and 16mm movie film and processing. Thanks to Laura for the info! Photo Darkroom Escondido, California Processing, printing, camera repair and more. Thanks to Sam for the info! Rapid Photo Imaging Center Clarks Summit, Pennsylvania C-22 and just about every other process from any film size! Richard Photo Lab Hollywood, CA A devoted high-quality film and print lab, Color and B&W tray work. Rocky Mountain Film Laboratory Aurora, Colorado CLOSED The Blacklist Film Photography Store Czech I placed an order, waited 3 weeks with no word, no answer to emails until contacting one of their suppliers, told them to please send the package, waited 2 weeks with no word or answer to emails, recontacted a supplier and started consumer protection action, was contacted and a refund was finally forced out of them. Film photography should be fun! The website now seems to be gone but keep your eyes open for a restart. Brownie still cameras commonly used two different types of film. Please click on the underlined link below that describes your film type for film processing details. (For Brownie movie camera film, click here.) Kodacolor or Kodacolor-X A yellow roll of film May say "Triple Print" or "G25" on the roll On a spool about 2-3 inches (4-7 cm) long Verichrome or Black and White May be a black, brown, red, pink, silver or green roll of film. (That is, it is not yellow) May say "Ortho" or "Orthochromatic" on the roll May say "Pan" or "Panchromatic" on the roll May say "Brownie" on the roll May say "All-Weather" on the roll On a spool about 2-3 inches (4-7 cm) long If neither of these descriptions describes your film, feel free to send us an email with a description of your film.