

How To Make Cartridges

- Materials:
1. 1 package (500 sheets) 8 1/2 x 11 xerographic paper (available at K-Mart, Etc. for approximately \$6.00) yields 3000 cartridge tubes.
 2. 1/2 inch diameter brass or copper hollow tube available from hobby stores (cut into 4 inch length and file smooth cut end). Hereafter called roller. Scribe a line around the roller at one end 1/2 inch from the tip to show proper alignment of the paper. (fig. a)

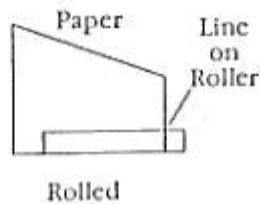


fig a

3. Measuring spoon (teaspoon size)
4. Template (enclosure 1)
5. 1 can (pound) of 2 or 3FFG (preferred) black powder (do not use smokeless powder)
6. Scissors
7. Plastic bowl (do not use metal)
8. Newspaper
9. Small funnel
10. Wooden loading block (made from a piece of 2 x 4 with 30 holes drilled 5/8 inch wide and deep enough to hold tubes). (fig. d).

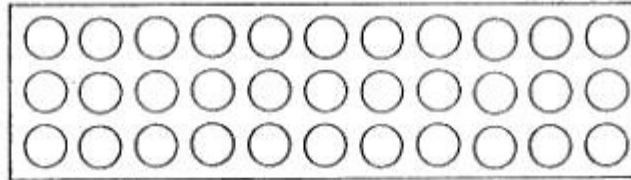


fig d

- Warning:
11. Ammo box (available from gun shops and Army/Navy stores).
 1. Do not smoke or have any flammables near black powder.
 2. After finishing store black powder in original containers and finished cartridges the ammo box (do not store together with caps).
- Steps:
1. Cut out paper using template (Enclosure 1).
 2. Roll tubes using cut papers and roller. (figures b and c)

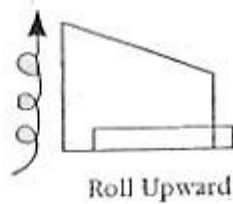


fig b

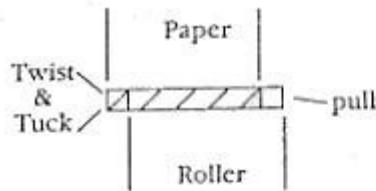
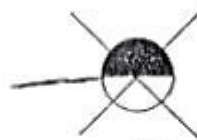


fig c

3. Layout newspaper on table to collect all spilled powder.
4. Place 1 pound of powder in plastic bowl.
5. Place tubes in wooden holding block.
6. Using a measuring spoon (teaspoon size) dip into bowl and shake off for a level spoonful (60-70 grains) (fig. e).



this



not this

7. Using small funnel pour a spoonful of powder into tube, continue this process until all the tubes in the block are done.
8. Fold over and down the open end of the tube (the bottom fold should be just above the powder level) and place in ammo box (fig f).

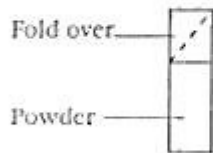


fig f



Fold down — make fold as close to the powder as possible still allowing both sides to come together to form a seal.

9. Repeat all steps as necessary.

- Warning:
1. Do not smoke or have any flammables near black powder.
 2. After finishing store black powder in original containers and finished cartridges the ammo box (do not store together with caps).
 3. If you have so much powder in the tube that you can't make the folds, re-measure it, you probably poured two spoonfuls in one tube by not moving the funnel to the next tube, **PAY ATTENTION TO WHAT YOU ARE DOING!**

- Note:
1. It's my experience that after you get the hang of rolling tubes, make this a winter project while watching television. Roll up all the empty tubes you'll need for the upcoming season and put them away till you need to fill them.
 2. If your not getting 100 to 110 cartridges per pound of powder, your overloading (and can blow your pards ears out).
 3. If your getting more the 120 your making your loads weak (a puff of smoke that couldn't blow a Reb down).