

## Choosing the Right Tape

Not all duct tape is the same! When choosing "high quality" duct tape look for rolls that appear to be wrapped smooth and tight. Also tape that is easy to unroll. If you have to struggle with it, you have a possibility of stretching the tape as you pull it. The main difference between low-end and high-end duct tape is the number of threads in the cloth mesh.

You also now have the option of color. Colors range from standard red, blue, black, yellow and green to neons and even a camouflage print. Of course, don't forget the standard gray!

### HERE'S A TIDBIT OF TRIVIA!

NASA actually has a policy stating that every space shuttle mission must carry at least one roll of "the gray tape" on board. Remember *Apollo 13* ("Houston, we have a problem")? They used duct tape to bring those astronauts home!



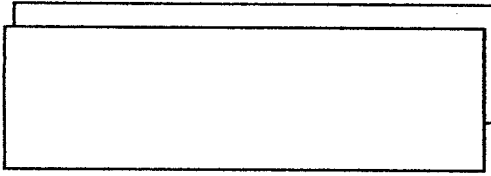
## The "Sheet"

Just as a sheet of paper is used to create origami, a sheet of duct tape is used to create ductigami. Unfortunately, sheets of paper are easy to come by, sheets of duct tape must be made from scratch by the ductigamist.

There are several methods of making these sheets.

**Technique 1 – This technique results in a crisscross pattern and will give you a durable sheet.**

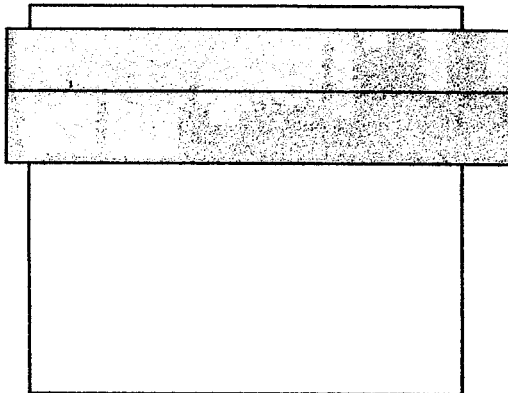
1. Cut a strip of tape slightly larger than required for project and lay it sticky side up on your work surface.
2. Cut another strip of tape the same length and place it sticky side up so it slightly overlaps the edge of the first strip.



3. Cut and overlap strips until you have the recommended sheet size for your project.

4. Turn the sheet so the strips are running vertically.

5. Cut a strip to lay across the sticky side up strips. Start at the top and work your way down. These strips get placed sticky side down. Remember to overlap the edges.



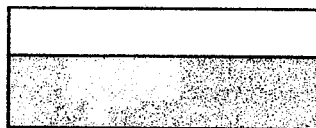
6. Continue laying strips sticky side down until all of the sticky sides of the "bottom" strips are covered.

7. Trim off sticky edges.

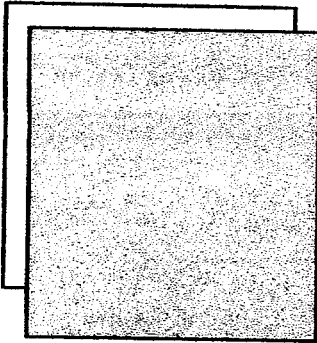
## **Technique 2 – This is known as the "Grip, Rip and Flip" method.**

1. Cut a strip of tape slightly longer than the width of the sheet and place it sticky side up.

2. Cut another strip of tape and place it sticky side down half way on the first strip.



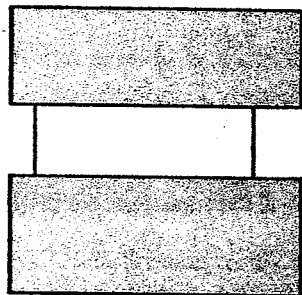
5. Place one sheet sticky side up on work surface. Cover with second sheet sticky side down. Trim sheet to the recommend size of your project.



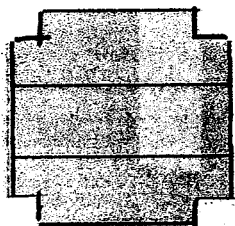
## PROJECTS

### COASTERS - Easy

1. For one coaster, create a 4" X 4" sheet of duct tape using one of the three methods described above. If desired, make an 8" X 8" and cut it in four.
2. Turn the sheet 90° and add a reinforcing layer of duct tape. This layer does not have to overlap.
3. Trim coaster(s) to 4" X 4". The edges of this sheet will be covered by a top layer.
4. Add two pieces of duct tape with about a 1/2" overlap over the top and bottom of the 4" X 4" sheet.

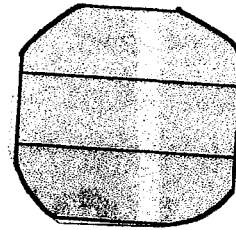


5. Put a piece of duct tape over the middle and cut the corners out as shown.



6. Grip, Rip and Flip. Fold over the overlap.

7. If desired, round the corners as illustrated.



8. For "extra class" use Sharpies® and decorate!

### **CD Holder – A little more challenging**

1. For each CD pocket, you will need to make 2 duct tape sheets that measures about 5 ½" X 5 ½" using any of the above methods.

2. Using the enclosed CD pocket pattern, cut one of the sheets.

3. Lay the cut sheet on top of the uncut sheet and seal the two sides and bottom with three 5" pieces of duct tape.

4. To assemble the CD holder, lay pockets side by side with cut side up. Connect with a piece of 5" duct tape.

5. Turn over and reinforce each pocket on the outside with a piece of 5" duct tape.

6. Fold the pockets accordion-style

### **Pocket Picture ID Holder – Intermediate Level**

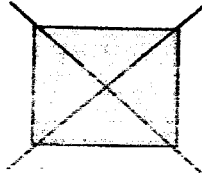
1. Make a duct tape sheet to the finished size of 9 ½" X 2 ¾".

2. Draw a line 2" from one short edge of sheet. Fold to inside on this line.



3. Cut two 1" strips to seal the side edges of the folded section to form a pocket.

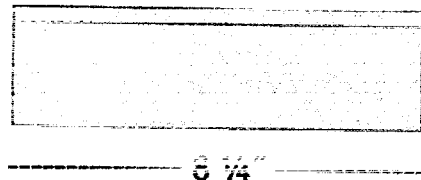
4. Fold the holder in half, bringing the short edges together.
5. Cut a 1" strip of duct tape and fold in half to form a square. Cut this square into four triangular pieces by cutting from across from corner to corner on both sides.



6. Place the triangular pieces on the holder side without the pocket placing two on the outer corners and two directly on the crease.
7. Hold triangular pieces in place with small pieces of duct tape.

### **Wallet – Advanced**

1. Create one sheet of tape  $8 \frac{1}{4}'' \times 6 \frac{3}{4}''$
2. Fold it almost in half so that the two  $8 \frac{1}{4}''$  edges are about  $\frac{1}{8}''$  apart. This will form the billfold part of the wallet.



*Now you need to make the slots and pockets for credit cards*

- A. Make two sheets of duct tape  $7 \frac{1}{2}''$  by about  $4''$ .
- B. Cut these two sheet in half so that you have four pieces  $4'' \times 3 \frac{3}{4}''$
- C. Fold one sheet in half so that  $3 \frac{3}{4}''$  edges are about  $\frac{1}{8}''$  apart as you did with the wallet above. Do the same with the second sheet and then place one sheet on top of the other with the top edge  $\frac{1}{8}''$  lower than bottom sheets lower edge. This forms the pockets for credit cards.

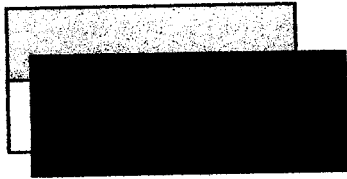


3. Fold the stick side of the first piece over the second piece.



4. "Grip, Rip and Flip": Rip the duct tape off your work space and flip over.

5. Add a third strip sticky side down to overlap the sticky side of the first two strips.



6. Repeat steps 4 and 5 until you have the length that you want.

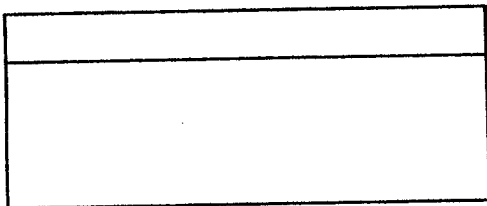
7. Folds over the last strip of tape for a clean finish.

8. Trim the sheet to size if necessary.

### **Technique 3 – Similar to Technique #1**

1. Cut a strip of tape slightly larger than required for project and lay it sticky side up on your work surface.

2. Cut another strip of tape the same length and place it sticky side up so it slightly overlaps the edge of the first strip.



3. Cut and overlap strips until you have the recommended sheet size for your project.

4. Make an entire second sheet the same way and the same size.

D. Hold in place, flip over and tape them two folded sheets together.



E. Open the section between the two pieces you just taped together and place a small piece of tape along the bottom to create a duct-tape seam. This will insure that items placed in the slots won't stick.

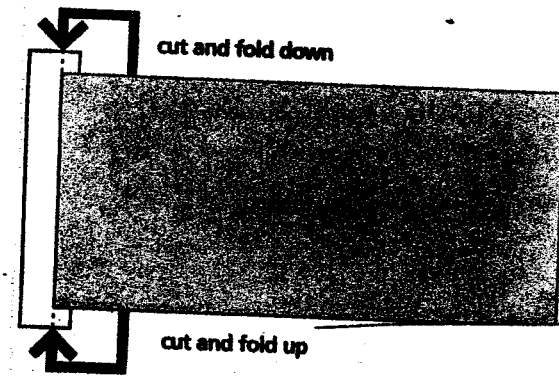
F. Repeat this process with the remaining two pieces to create two sets of slots.

*Now you are ready to complete wallet picking up with Step #3.*

3. Take your folded sheet and lay one credit card pocket along one side. Cut a piece of tape about 4" long and lay it on top with  $\frac{1}{2}$ " covering the card pockets.

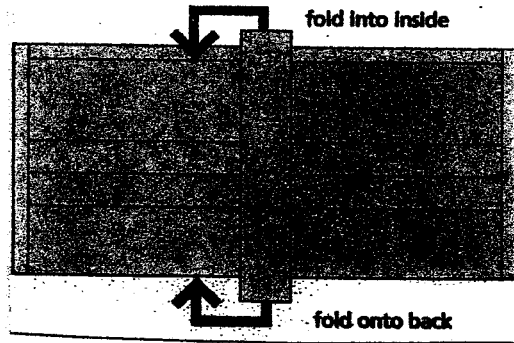


4. Turn the wallet over. Cut the exposed tape strip at the two points illustrated and fold the sticky pieces over into the inside of the wallet at the top and over onto the back first. Then turn the wallet over and fold the remaining piece over and tuck accordingly.

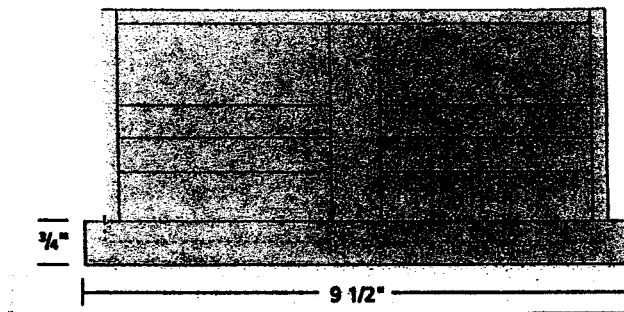


5. Lay the second credit card pocket on the other side and repeat steps 3 and 4.

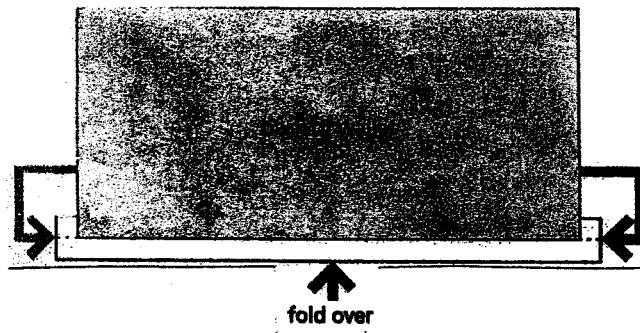
6. Cut a piece of tape 4" long and lay it down the middle of the wallet so that both credit card pockets are covered. Now fold the top sticky piece into the inside of the wallet's bill fold part and the bottom sticky piece onto the back.



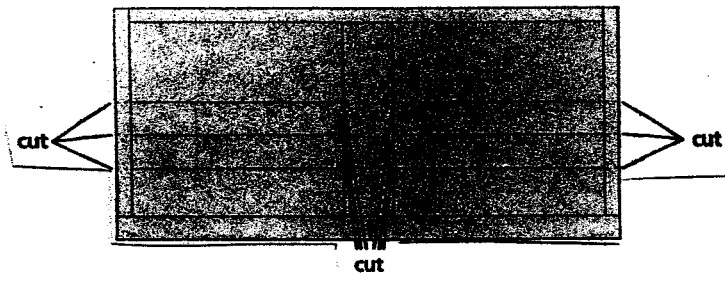
7. Cut a piece of tape 9 1/2" long and lay it across the bottom 3/4" of the wallet

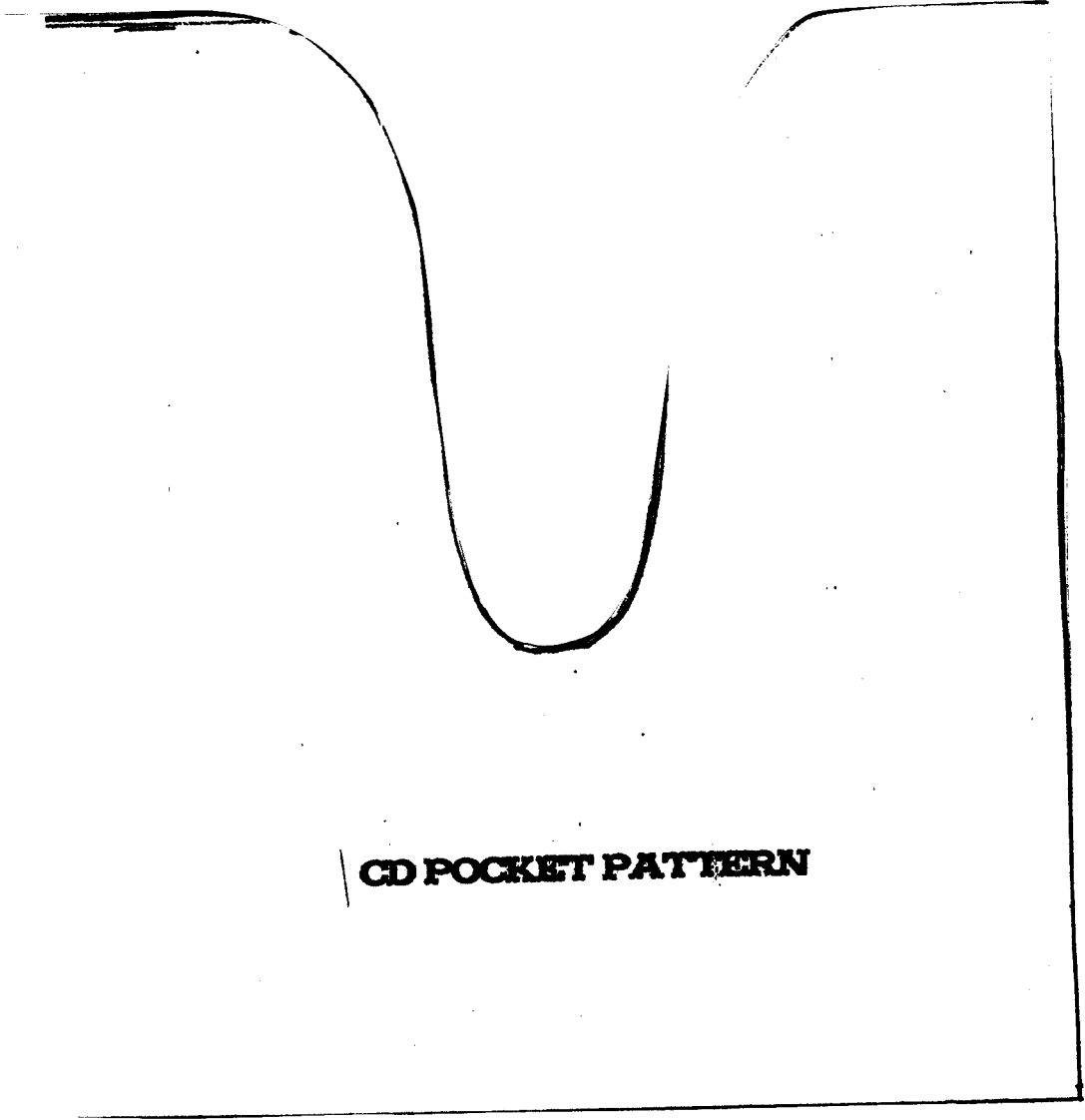


9. Turn the wallet over. Cut the exposed tape strip at the two points illustrated and fold the sticky pieces over onto the body of the wallet.



10. To open the credit card slots, simply cut at the points marked and you're finished!





**CD POCKET PATTERN**

