

## HOW TO MAKE A BACKPACK OUT OF RECYCLED PP/PE BAGS:

### MATERIALS NEEDED:

- 2 PP bags
- Needle
- Thread
- Scissors
- Measuring tape
- Nylon rope( any kind of rope)
- Velcro

### ISTRUCTIONS:

1. Turn the PP bag inside out



2. Pocket assembly:



- Cut a piece of cloth that will fit at the front side of the bag
- Attach the piece of cloth by sewing the edges to the bag, except the top part
- Put a divider by sewing the middle part

3. Cut the handles of the bag
4. Sew the edges of the opening of the bag



5. Lock assembly:

- Put holes at all sides of the bag (similar to bucket bag)



- Insert the rope through these holes, both ends should be in front



- Cut a piece of cloth (2.5" x 3.5") for the lock adjustment



6. Cut 2 pieces of cloth (10" x 6") and shape it like a half circle  
Put it together by sewing the edges, and turn it inside out



7. Again, cut 2 pieces of cloth ( 1.5" x 3") and stitch it together



8. Sew together the pieces mentioned at steps 6 to 7

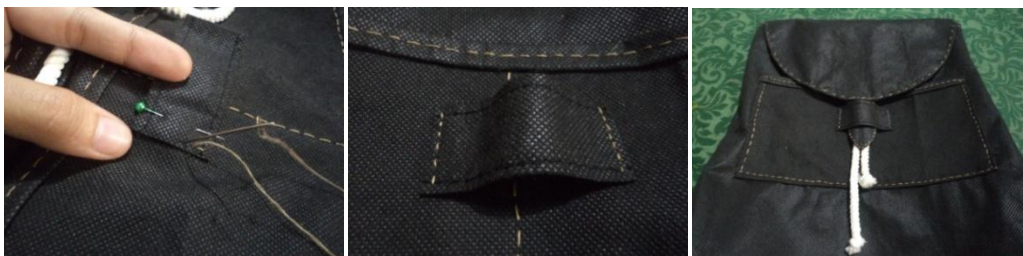


9. Then attach it at the back part of the bag. This will serve as the front cover of the bag.



10. Lock for the front cover:

- Cut a piece of cloth (4" x 1")
- Attach it in front of the bag



11. For the strap of the bag, cut 2 strips of cloth (25" x 3")



12. Fold and stitch it in the middle



13. Attach the straps at the back, sew the ends at the top and bottom part of the bag



14. Final step: Attaching the Velcro for the lock



FINISHED PRODUCT!

