

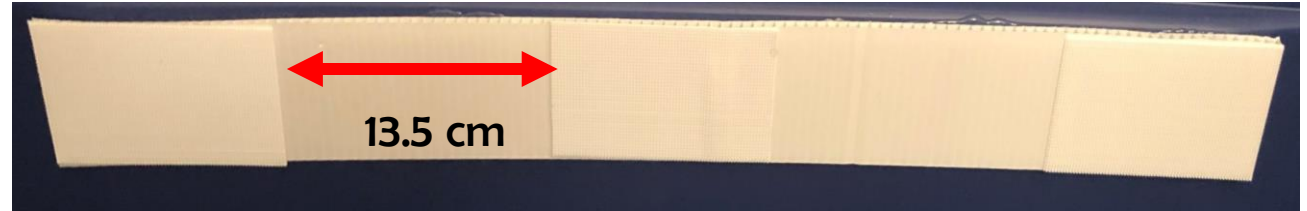
# DIY Neutral Buoyancy Lab

**You will  
need**

## **Materials**

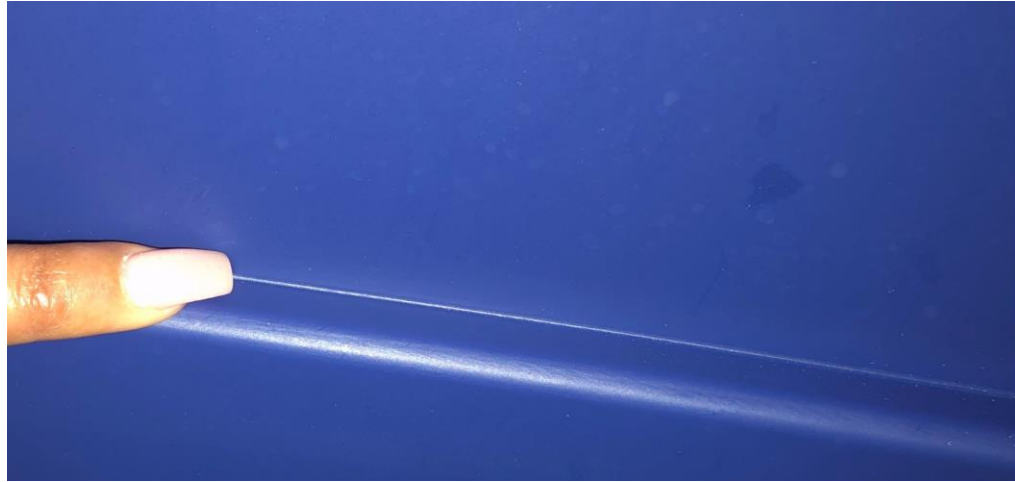
- (1) Storage tote (45 gallons recommended)
- (1) Industrial Velcro 2" x 4"
- (1) Corrugated plastic 18" x 24"
- (1) Epoxy or marine silicone
- Knife

It is important to have always in mind the side of the Velcro that you choose because the platform base of all the EVAs will be with the opposite side of the Velcro, so you can attached /detached easily from one mission to the other.



- Cut two pieces of corrugated plastic 22" x 3".
- Take a piece of Velcro (2" x 4") and glue it to the end of the corrugated plastic sheet.
- Do the same in the other end of the corrugated plastic.
- Locate the end of the Velcro in the left side and measure 13.5 cm. Do a mark.
- Attach a 2" x 4" Velcro to the corrugated plastic sheet.
- Do the same in the other corrugated plastic sheet.

Inside the box  
you are going  
to notice that  
there is a part  
that is like  
“going out”.  
Under that  
part, take a  
measure of 5”  
(both ends)  
and mark.



With the epoxy, glue the corrugated plastic sheet to the box. Do the same at the bottom of the box with the other sheet.



I recommend put books or something heavy to make pressure and cured for 48-72 hours before fill with water.