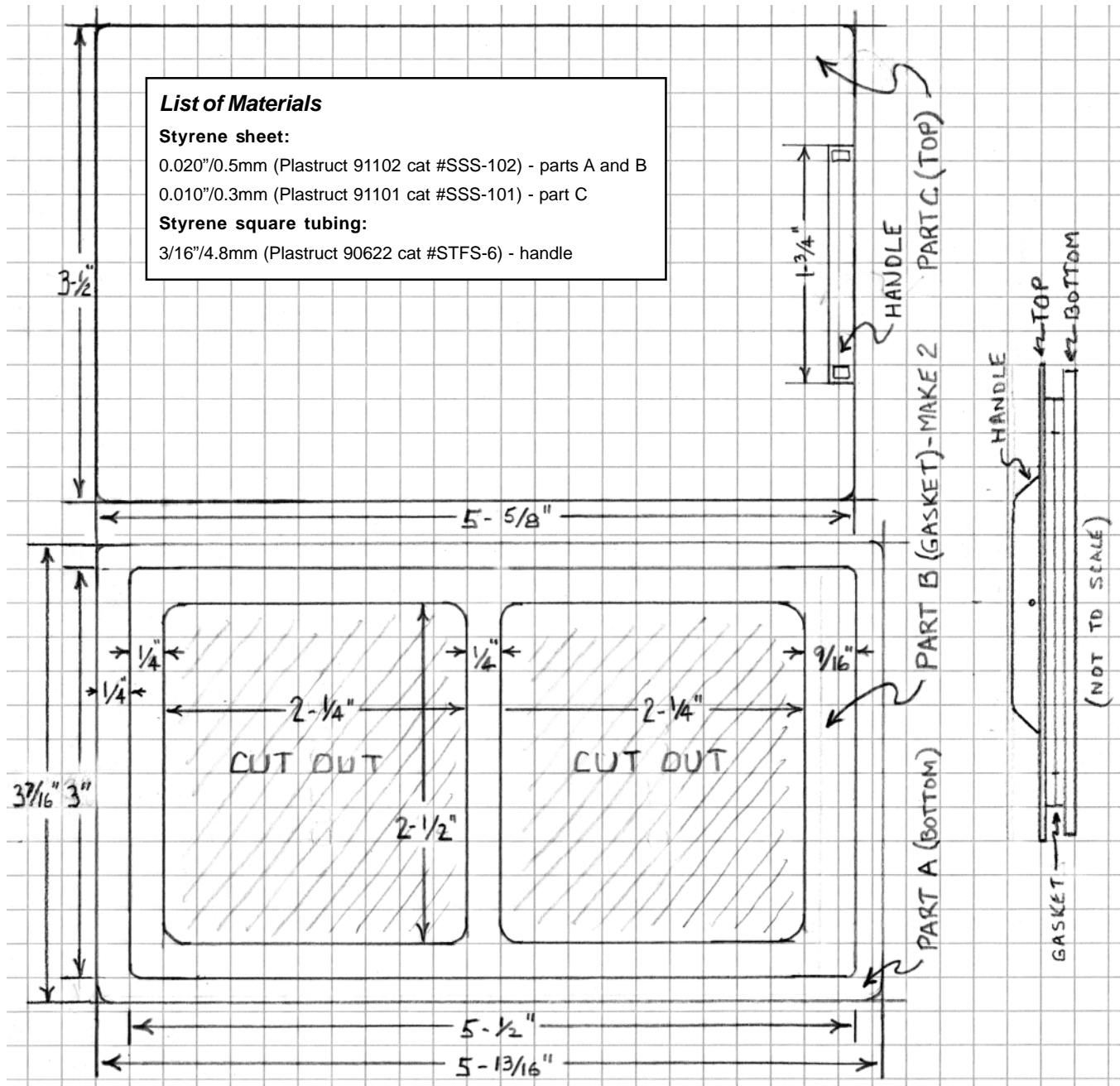


LEAK RESISTANT HATCH COVER

Weight: 0.35 oz (standard hatch cover: 0.30 oz)



Instructions

1. Cut parts A, B (make 2) and C to the sizes shown.
2. Glue the two part Bs ("Gasket") together using CA glue.
3. Glue the gasket to part A ("Bottom") with CA, so that the Gasket is centered laterally and its front edge is 1/4" aft of the front edge of part A (aft edge of Gasket 9/16" forward of aft edge of part A).
4. Lay out and cut the two cutouts in the Gasket and Bottom of the hatch cover as shown on the drawing.
5. Glue part C ("Top") to the Gasket with CA, being careful not to let glue ooze into the gaps around the edges of the Gasket. Part C should be centered laterally on the Gasket, with its front edge flush with the front of the part A.
6. Cut a 1 3/4" long piece of the square tube, taper the ends at about 45 degrees and sand the top corners (so that the mainsheet will not hang up on them in light air). If desired, drill a 1/16" hole in the center of this handle and attach a loop of Spectra string to assist in pulling the hatch cover aft if it tends to stick when closed. Glue this handle to the aft edge of the top of the cover as shown.
7. If the front flanges of top and bottom of hatch cover do not slide over the front of the hatch when the cover is closed completely, bend them out very slightly until they do.
8. To minimize the potential for water to be pulled by capillary action through the groove around the cover, and between the bottom of the cover and the aft edge of the hatch opening, lightly grease the groove and the aft edge of the bottom of the cover with vaseline.