

Task 2 – Flex/Color Markers Printing Instructions

Instructions for Flex Printing:

Please find the *Planter_Bot_Arena.PDF* file within *Task2/Flex_printing* folder.

- You must carry *Planter_Bot_Arena.PDF* file in any storage device to the vendor who prints the flex sheet.
- Dimensions of the arena can be viewed in .pdf file by pressing CTRL+D in Adobe Reader. For your reference and verification, the flex sheet to be printed should be of dimension **8 feet x 8.5 feet**.
- Team is not allowed to make any changes in the .pdf file. Any team making such manipulations will be disqualified from the competition.
- Here are the dimensions for your reference and verification:
Working arena(grids): 91 inch X 86 inch
Full arena(with logos): 96.25 inch X 102.25 inch
Line width: 0.59 inch
Cell size: 5.06 inch X 5.06 inch

Instructions for printing Color Markers:

Please find the *Color_Marker.PDF* file within *Task2/Flex_printing* folder.

- You must carry *Color_Marker.PDF* file in any storage device to a vendor who can provide A4 size prints.
- This document has a standard A4 size dimension. Print this file on a good quality plain paper and make sure printed output has a constant color gradient so that each marker is proper in terms of color.
- Team is not allowed to make any changes in the .pdf file. Any team making such manipulations will be disqualified from the competition.
- **NOTE:** Color markers are to be printed on plain **A4 sheet and not on flex sheet**.

Instructions for the Vendor:

- The vendor must print the arena directly from the .pdf file.
- The vendor cannot make any changes in the .pdf file provided for printing.
- If the vendor is using the CMYK color profile for printing, he/she must set the K value to 100 as that would give a perfect black color for the black lines of the arena.

General Instructions for keeping flex sheet in good condition:

1. Leave sheet open for about 30 minutes to dry in air after printing. After this, you can roll it and bring it home.
2. **Do not fold the flex sheet.** Always keep it rolled after using it.
3. You will be using the printed flex sheet throughout the competition, so teams are advised to store the rolled up flex sheet in a dry, safe place.

Instructions for Submissions:

1. Print the arena on the flex sheet as per the instructions given.
2. Click a picture of your arena using a camera. This picture must clearly depict the printed flex sheet.
3. Upload the picture using instructions provided on the Portal.

Note: Printout for Color Markers is to be used with Hardware testing. You need not submit an image of Color Markers printout now.

