

Installation Reference - Membrane Electrode

Topic: Anolyte Return Tubing

Please read all the instructions listed below carefully to familiarize yourself with the project before attempting to perform any of the work.

Required Materials

- 1/2" ID x 1 1/16" OD Clear PVC Tubing (UFSc P/N 060002)

Required Tools

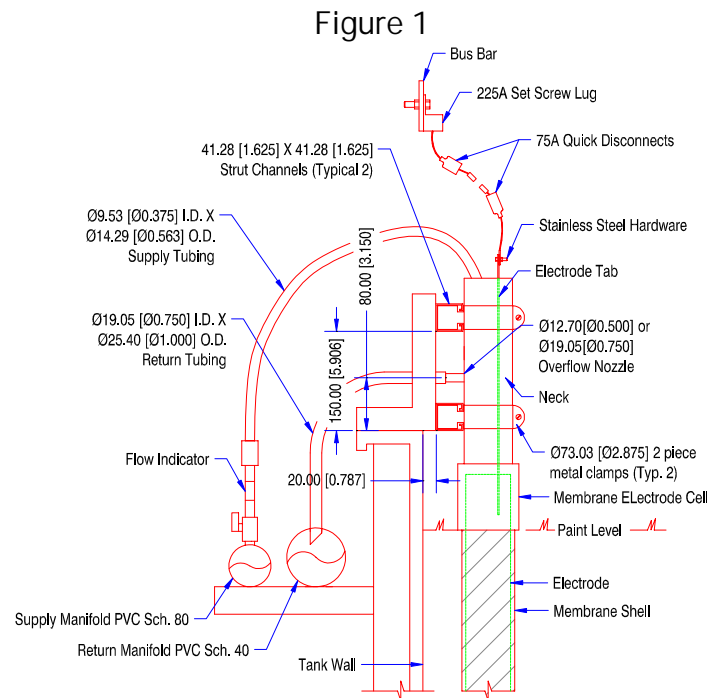
- Sharp utility knife.

This Installation Reference is designed to help the E-coat operator better understand how to properly install new Anolyte Return Tubing for use in an Anolyte Circulation System for optimum anolyte flow performance in Electro-coating applications.

Instructions

1. Shut off flow/valve indicator only at the ME Cell that you are currently replacing the anolyte return tubing.
2. Completely remove old PVC return tubing from selected ME Cells.
3. Thoroughly clean the outside and inside of the anolyte overflow nozzle to ensure that there is no obstructions (ED paint solids buildup, foreign material, etc.)
4. Determine distance from ME Cell to anolyte return header and cut appropriate length of clear PVC tubing to ensure proper gravity flow of anolyte. (see figure 1)
5. Slip on clear PVC tubing over ME Cell overflow nozzle ensuring that the tubing is over all of the hosebarb area. This will prevent leaking.
6. Cut a 45 degree angle on end of anolyte return tubing and insert completely into return headers (see figure 1). This prevents anolyte return tubing from becoming blocked and creating a back-pressure that could cause overflowing ME Cells.

For more information see the original manual that came with the equipment or call UFSc (219) 464-2027 ext. 24.



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(P/N 993134)

Think and act in a safe manner. Always disconnect power and use a lockout before you work on the E-coat system, or any of the related subsystems. Observe any confined space conditions. Use the appropriate safety equipment and clothing for the task.

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