

# Installation Reference - Membrane Electrode

## Topic: How to Install TECTRON™ Bare Floor Electrodes

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

### Required Materials

- Lug (AWG #2 is Typical) for Each Electrode

### Required Tools

- Diagonal Cutter

### Instructions

1. Carefully remove the Electrodes from the crate. Thoroughly inspect the Electrodes and report any defects immediately to UFS Corporation.

2. Mount the TECTRON Bare Floor Membrane Electrode to an insulating saddle (see photo 1), or on top a length of 100 mm (4") PVC pipe (see photo 2). Request drawing 997113 for assistance in designing a suitable support structure. Make sure the black line on the PVC Collar (near the cable lead) is facing up on welded 316L anodes. This insures that the weld in the electrode is facing down or away from the job. **Note:** With seamless anodes there will not be a black line

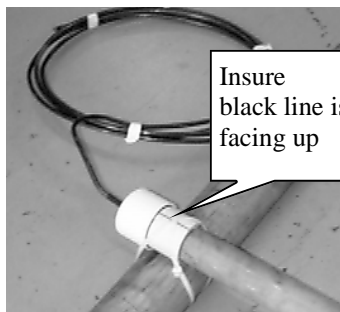


Photo 1

3. At each end of the TECTRON Bare Electrode is a PVC Cap and Collar. The Collar is at least 50 mm (2") long and is meant to rest on the support structure described in Step #2.
4. Lash each end of the Electrode with two of P/N 245001 (included), which are long plastic wire wraps. Route the P/N 245001 in an "X" pattern. See the

photo at the bottom for an example . Tip: Add some holes to the support structure and pass P/N 245001 through the holes to keep them from slipping off.

5. Connect the electrical cable of the Electrode to the bus bar. In some cases a quick electrical connect is included. If so, there should be an existing other half with the same type of connection on it. If this is a new installation and the other half was not ordered (it is an option and must be ordered separately), please contact UFSc or you may cut the connector off and terminate to the bus with a suitable lug.

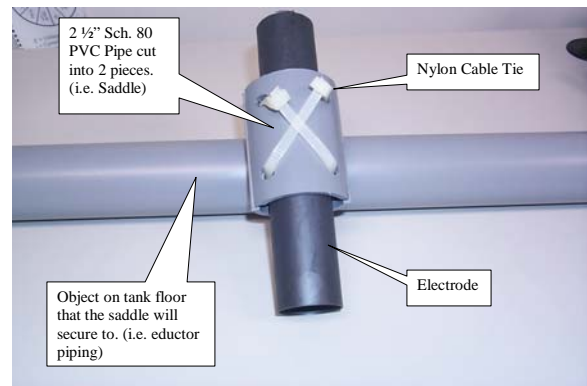


Photo 2

**UFS Corporation. . .dedicated to providing quality, innovative solutions to the electrocoating industry.**

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(P/N 993131)

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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