

# Installation Reference - Membrane Electrode

## Topic: Replacing S80 Supply Tubing MOMA02

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

### Required Materials

- 515139

### Required Tools

- Channel Locks
- Rubber Mallet

### Instructions

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.

#### Disassembly

1. When removing complete cell from e-coat tank remember to rinse of membrane shell with either RO or DI water . **Do not scratch PME Electrode!**
2. Remove electrode from membrane shell.
3. Remove tubing from the supply on the Bulkhead.
4. With channel locks remove C-Clip located at bottom of electrode.
5. After the C-Clip has been removed, grab the black boot and pull the old supply tubing kit out. Discard the old supply tubing kit.

2. Insert until supply tubing kit is flush with bottom of electrode. **Note:** The electrode tab may get in the way, simply rotate electrode until the supply tube is free.

#### Assembly of New Supply Tubing Kit

1. When ready to install new supply tubing kit, insert the pipe at the bottom of electrode.



Bottom of electrode.



Top of electrode.

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

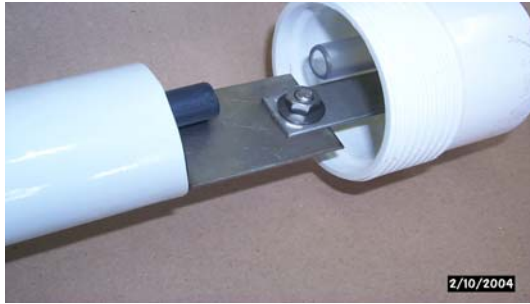
Topic: Replacing Supply Tubing (P/N 993418)

UFS Corporation  
330 North 400 East  
Valparaiso, IN 46383 USA

Phone: 219-464-2027  
Fax: 219-464-8646  
Email: info@ufsc.com



3. If bulkhead was removed simply reattach at this time.



7. Replace electrode back into membrane shell.

**For more information** see the original manual that came with the equipment or call UFSc (219) 464-2027 ext. 28

4. Take piece of flexible supply tube and place both worm clamps near the center.
5. Insert one side of flexible supply tubing on bulkhead. Tighten worm clamp for this side at this time.
6. Insert other side of flexible tubing on the electrode side. Tighten worm clamp for this side at this time.

**Note:** *It may be easier to use some type of lubricant to insert the flexible supply tubing onto the bulkhead and the S80 supply tubing kit.*

