

Teflon[®] Tubing

(cat.# 20121)

Restek's cleaned Teflon[®] transfer line is precut to fit between the ELCD reactor and the electrolytic conductivity cell. It does not need to be cut before installation. If you do cut the tubing, always use a clean, sharp cutting tool such as a razor blade or knife to produce a square cut.

Installation Instructions

1. Turn off the ELCD solvent flow. Reduce the ELCD reactor temperature to 100°C.
2. Remove the old piece of tubing on the ELCD. Install a 1/16-inch Swagelok[®] nut and 1/16-inch Vespel[®]/graphite ferrule on one end of the cleaned tubing. Push the tubing into the 1/16-inch fitting on the nickel reactor with gentle downward pressure until the tubing bottoms out. Tighten the 1/16-inch nut onto the top of the ELCD reactor 1/2-turn past finger-tight. **Caution:** Do not overtighten this fitting or tubing crimping and carrier gas occlusion could occur.
3. Confirm flow through the tubing with the Restek Flowmeter 6000 (cat.# 21622).
4. Place an o-ring and nut on the other end of the tubing and install into the electrolytic conductivity cell.
5. Turn on the solvent flow. Check the tubing connection at the electrolytic conductivity cell for solvent leaks. If no leaks are evident, heat the ELCD reactor to the manufacturer's recommended operating temperature.
6. Allow the detector to stabilize for 30 minutes. Proceed with sample analysis.
7. Proper installation is indicated by good response of the gases and minimal peak tailing. If poor response and gross peak tailing is observed, cut the Teflon[®] tubing ends and reinstall.

Call Technical Service at 800-356-1688 or 814-353-1300, ext. 4 (or your local Restek representative) if you have any questions about this product or any other Restek product.



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