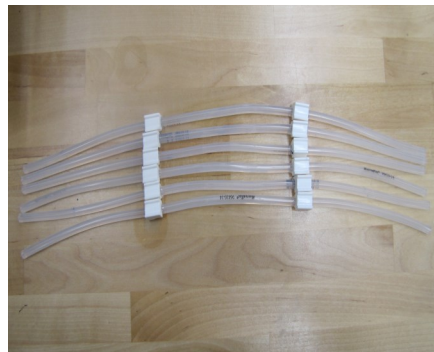


## Tube Replacement (TDF68 - Silicone Pump Tubes) TDF

This procedure helps facilitate the replacement of the TDF68 pump tubing

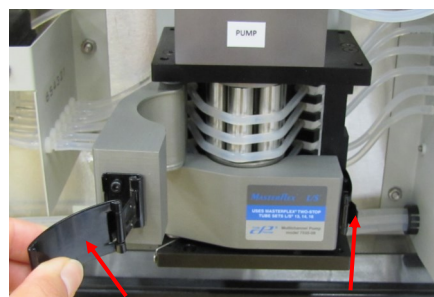
1. Obtain the TDF68 Pump Tube Replacement Set. Note that one spare set comes with a new ANKOM TDF analyzer. Additional TDF68 Pump Tube Replacement Sets can be purchased on line at [www.ankom.com](http://www.ankom.com) or call: 1-315-986-8090.



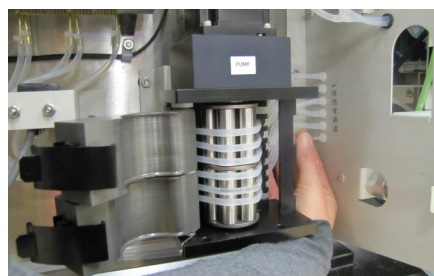
2. Remove the back panel from the TDF instrument by removing the six acorn nuts. This will allow you to access the Pump. Disconnect the tubing from the barbed fittings on the right and left side of the pump as pointed out by the arrows.



3. Open the Pump doors by pulling on the two latches on the right side of the pump, allowing access to the pump tubing.

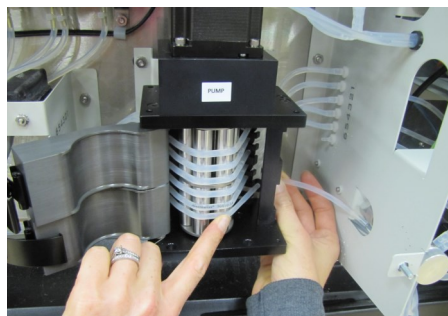


4. Remove the six pump tubes by pulling back on the white stops on the right and left sides of the tubing comb.



## Tube Replacement (TDF68 - Silicone Pump Tubes) TDF

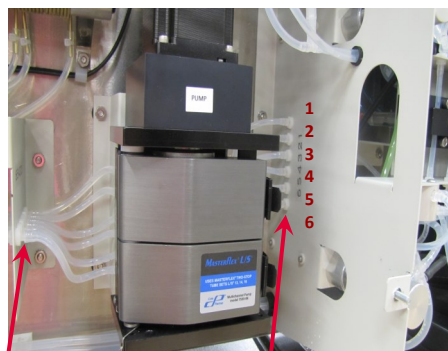
5. Reinstall the new set of TDF68 Pump Tubes as shown. Make sure the white stops are secured between the tubing comb. Use the middle six slots — the top and bottom slots are left empty.



6. Close the Pump doors and snap the latches in place.



7. Connect the tube end to the barbed fittings on the left and right sides of the pump as shown by the arrows.



8. Pre-stress the tubes before running a volume calibration. From the control panel, go to Diagnostics/Motor Test. Set the valves such that only Water and Waste are open - close all others. Fill the Water container, select a volume of 150mls and press GO. The pump will run for about 4 minutes. Following this and before returning the TDF Analyzer to service, run a volume calibration on the new Pump Tubes. This is found on the control panel under Diagnostics/Service Mode. Follow the prompts on screen to perform this operation. Refer to the TDF Dietary Fiber Analyzer Operator's Manual for complete details.

