Gasket Replacement

RF

A rubber gasket is used as a seal between the electronics module and the glass bottle in the ANKOM\textsuperscript{RF} Gas Production System. You will need to replace the gasket if it leaks or the adhesive that secures it to the housing begins to fail. Beginning in April of 2012, a new Viton\textsuperscript{®} gasket has replaced the original adhesive gasket. If you are currently in possession of adhesive gaskets and would like to replace them with Viton\textsuperscript{®} gaskets, please contact us at service@ankom.com or 315.986.8090. To replace the adhesive gasket with a Viton\textsuperscript{®} Gasket, follow the procedure detailed below.

1. Remove the glass bottle from the RF1 Housing. Using a small flat spatula or screwdriver with NO sharp edges, remove the failing rubber gasket as shown in Figure 1.

2. Remove the adhesive film layer by working it from the outside edges toward the center as shown in Figure 2.
   
   \textbf{Warning: Any scratches or gouges in the surface will cause pressure leaks.}

3. Pull the adhesive layer away from the housing as shown in Figure 3.
4. Begin to lift the adhesive film and gently pull this film out as shown in Figure 4.

5. Clean the adhesive residue from the housing with a general purpose adhesive remover as shown in Figure 5. In the United States, we have a citrus based cleaner called Goo Gone® that works well for this step.

6. Apply a thin layer of Synthetic Grease w/PTFE (RF41) to one side of the new Viton® Gasket (7074), and position it on the underside of the housing tucked behind the threads of the housing. Refer to Figure 6.

7. Reapply Synthetic Grease w/PTFE to the top lip of the glass bottle as shown in Figure 7.
8. Attach the module to the bottle by screwing it on finger tight plus an additional 1/8 of a turn. See Figure 8. Run Service Procedure 171 to retest for leaks.