How to do a reverse bubble point test

1. Fill test bath with a solution of 60% Iso Propyl Alcohol (IPA) and 40% water to a depth great enough to fully immerse the filter module/cartridge.

2. Connect air/nitrogen gas supply to the test adaptor ensuring that the gas regulator is closed.

3. Check that the manometer/pressure indicator is set to zero.

4. Immerse module/cartridge to be tested in the test bath for approximately 1 minute rotating periodically to ensure complete wetting. Secure module/cartridge test adapter.

5. Open gas pressure valve slowly until a steady stream of bubbles appear from the module/cartridge.

6. Record the reading on the manometer.

7. If bubbles appear from the end-caps, side seam or filter media before the specified test pressure is reached, the module/cartridge is regarded as a failure.

Note

Air trapped between pleats and inside the outer sleeve will appear at random usually at the beginning of the test, these should be ignored.